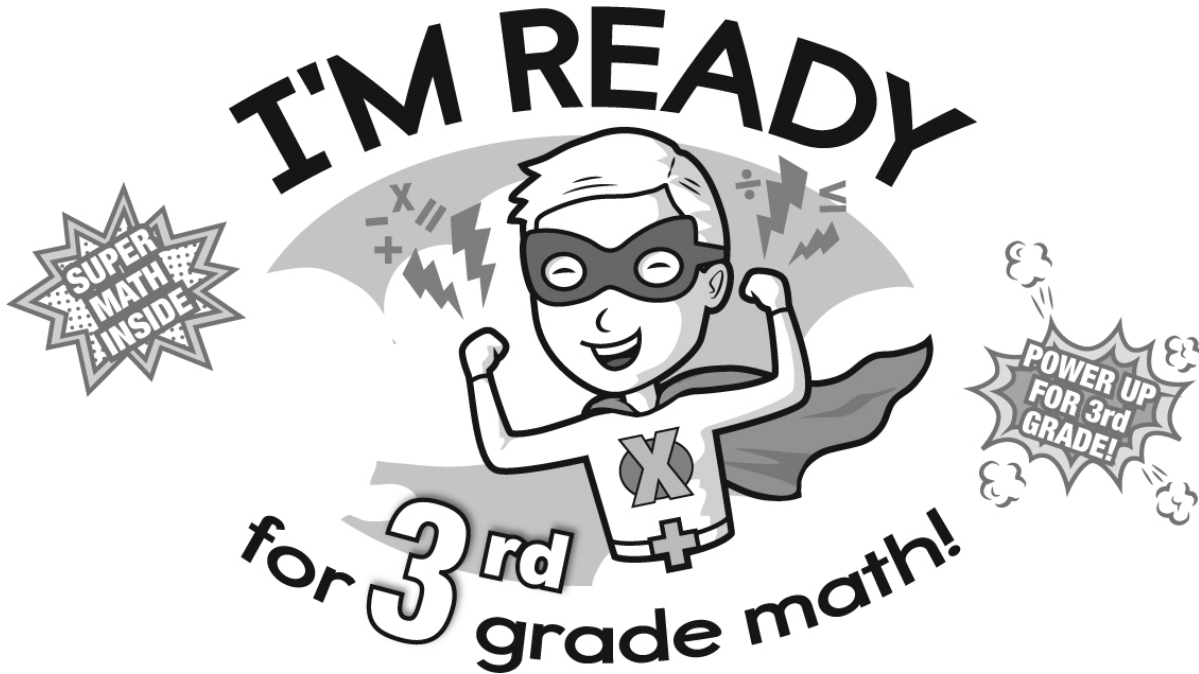


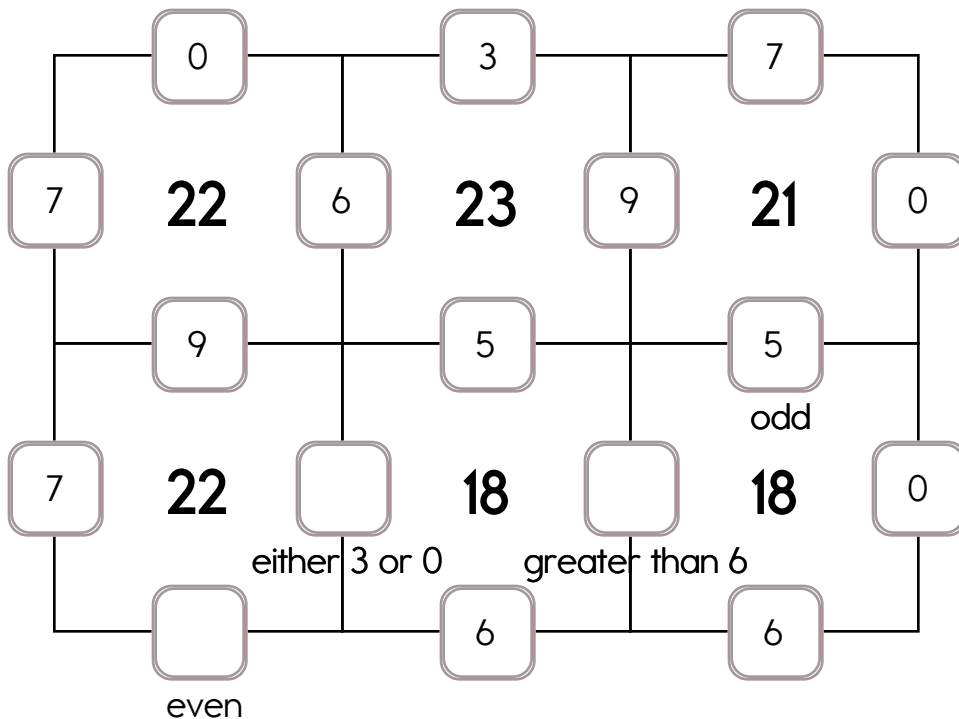
15 Minutes a Day (Or so!)

Math Challenge for July



My Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 3 or 0. The other three numbers have to all be DIFFERENT and can be from these numbers: 7, 5, 6, or 9.



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3. The other three numbers have to all be DIFFERENT and can be from these numbers: 4, 5, 6, or 7.

| | | | | | | |
|----------------|---------------|---------------|----------------|----------------|----------------|----------------|
| | 1 | | 2 | | 7 | |
| 4 | 17 | 7 | 18 | 4 | 18 | 5 |
| | 5 | | 5 | | 2 | |
| | | | odd | | greater than 1 | |
| | 21 | | 17 | 4 | 17 | 6 |
| even | | either 7 or 1 | | | | |
| | 3 | | | | | |
| | | | either 4 or 1 | | less than 7 | |
| | 18 | | 16 | | 17 | 6 |
| greater than 3 | | odd | | greater than 2 | | |
| | | | | | | |
| | either 6 or 1 | | either 6 or 2 | | greater than 1 | |
| | 18 | | 21 | | 20 | |
| odd | | odd | | odd | | greater than 1 |
| | | | | | | |
| | even | | odd | | even | |
| | 17 | | 19 | | | |
| | | odd | | even | | less than 7 |
| | | | | | | |
| | either 6 or 1 | | greater than 3 | | greater than 2 | |

Complete the pattern.

4 6 8 10 12 14

4 8 12 16 20 24

15 20 25 30 35 40

28 35 42 49 56 63

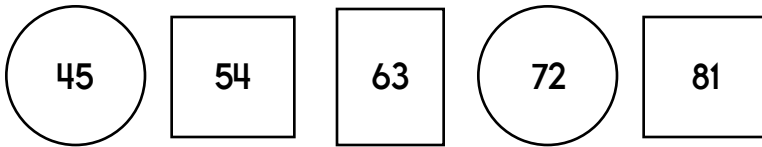
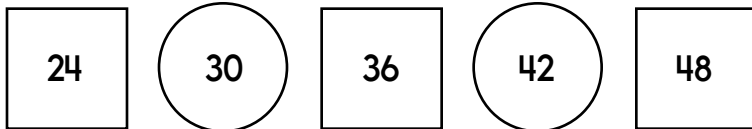
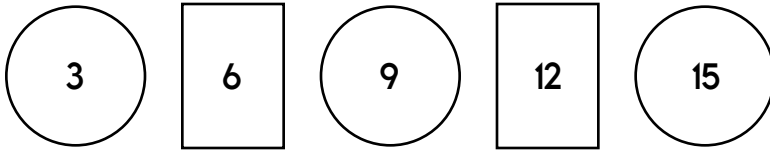
Complete the pattern.

50 60 70 80 90

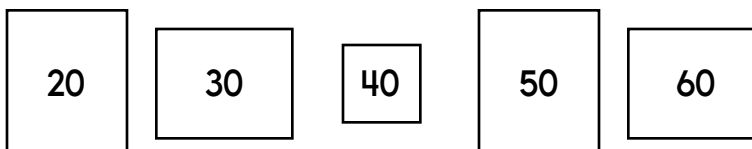
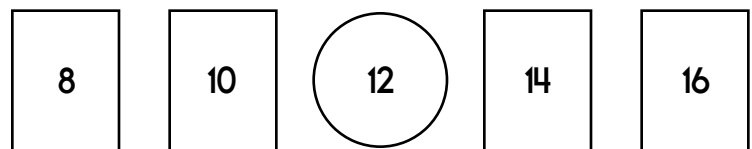
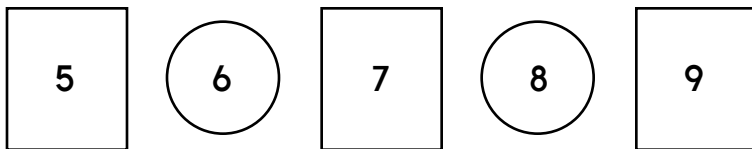
24 32 40 48 56

2 3 4 5 6

Complete the pattern.



Complete the pattern.



How Many Ways Can You Make 20?

Circle groups of numbers that add up to 20.

15 3 1
4 19 12 3 15 2 3
10 1 8 2 3 12 4 3 5 6
5 7 12 6 14 4 4 12 4 11 9
3 13 2 14 5 11 1 8 16 3 11
27 1 15 4 14 5 8 10 1
13 17 2 10 8 1 2 12 6 2 17 1
10 7 3 10 1 10 2 2 8 6 6 8 2
1 10 9 2 9 10 9 2 10 2 2 12
1 2 18 15 3 1 9 1 19 1
2 14 4 4 16
4 6 12 15



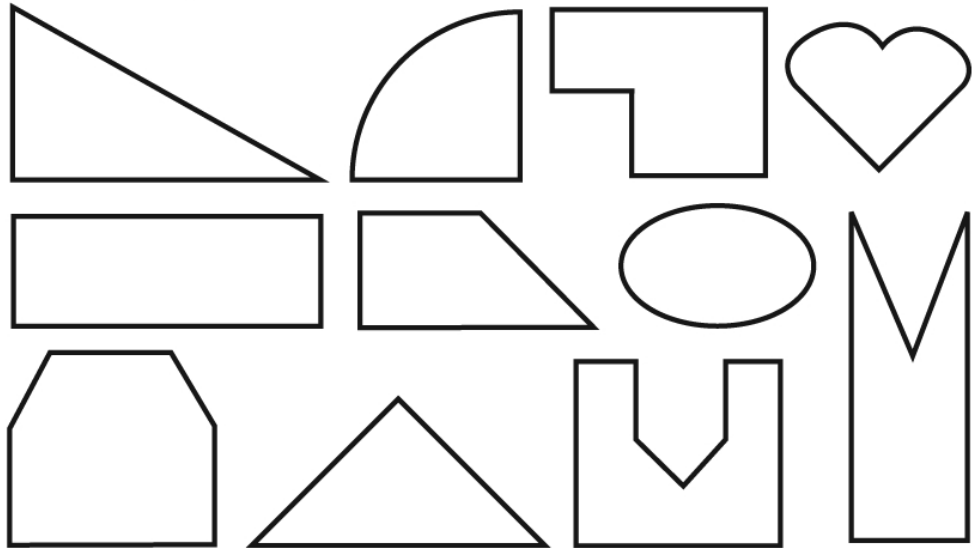
Spring Time!

Counting Right Angles

example

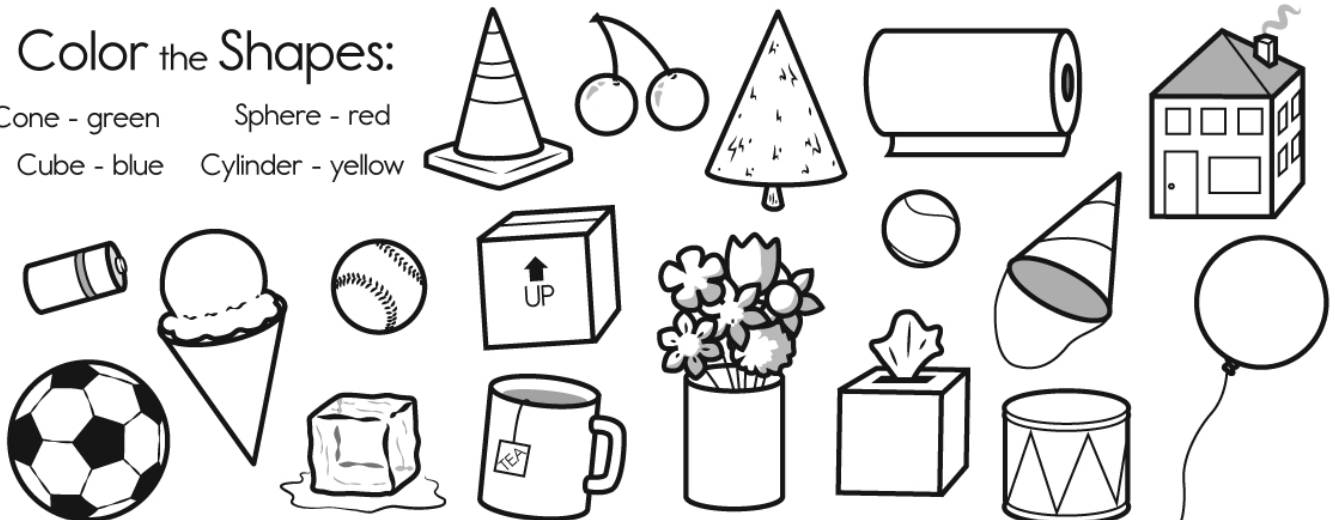
3

Square!



Color the Shapes:

- Cone - green
- Sphere - red
- Cube - blue
- Cylinder - yellow



| | | |
|-----|----|-----|
| 7 | -2 | |
| | | +12 |
| | | |
| +19 | | -17 |
| | | |
| -16 | | |
| | | |
| +6 | | |
| | -9 | +8 |

| | | | | |
|----|----|--|-----|----|
| | +7 | | -3 | |
| -4 | | | | +2 |
| | | | | |
| -7 | | | | -9 |
| | | | | |
| 16 | | | +34 | |
| +3 | | | | |
| | | | | |
| +5 | | | | |
| | | | | |
| | | | -4 | |
| | | | | |
| | | | -1 | |
| | | | | |
| | | | -22 | 9 |

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8 | 1 | 4 | 9 | 3 | 8 | 7 | 9 | 9 |
| - 6 | + 6 | - 2 | + 2 | - 3 | + 7 | - 1 | - 8 | + 3 |

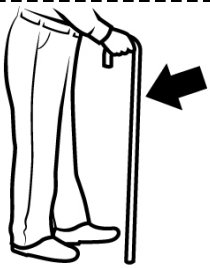


under

u u n d e r r r n t **u n d e r** r e v m

cross

r n c e p c r o s s m y s k r i w s o



cane

e c a n e d q c g o r a a a k a a y n

fighting

g g y f i g h i n g f f i g h t i n g

stick

u d i c s t i c k s s t i i h k s c n

uncle

i l n b w c j c u n c l e u n c e n u

underneath

r j k x d n v u n d e r n e a t h e i

until

d u n i t l k z i u n t i l i u n a h

unhappy

n n p a u y u n h a p p y u n h a p p

sunny

w s u u h n e e s c q e b n s u n n y

invention

i n v e n t i o n c i n v e n t o n i

underground

o c u n d e r g r o u n d n g d d d o

position

f w t p o s i t i o n p o s t o i n c

hid

d o h a h d a v h i d i d p s d i n u

unless

p k u u h n e h s y u l u n l e s s r

stirred

d d s t o r d r d e i s t i r r e d x

multiply

u l n m b m u l t i p l y r i t m q t

retire

t f i r r k r i h t i e r r e t i r e

dotting

g j q d o w w i n g y i d o t t i n g

Directions:

Use the rule that
1 human year = 7 dog years
to fill in the blanks.

| | | |
|----|----|----|
| 7 | 14 | 21 |
| 28 | 35 | 42 |
| 49 | 56 | 63 |
| 70 | 77 | 84 |



How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.



Spin fidget spinner. Quick! Do as many as you can before it stops.

| | | | |
|---|--|--|--|
| Human Years: <u>4</u> Dog's Age: <u>28</u> | Human Years: <u>1</u> Dog's Age: _____ | Human Years: <u>3</u> Dog's Age: _____ | Human Years: <u>2</u> Dog's Age: _____ |
| Human Years: <u>12</u> Dog's Age: _____ | Human Years: <u>2</u> Dog's Age: _____ | Human Years: <u>11</u> Dog's Age: _____ | Human Years: <u>6</u> Dog's Age: _____ |
| Human Years: <u>12</u> Dog's Age: _____ | Human Years: <u>8</u> Dog's Age: _____ | Human Years: <u>5</u> Dog's Age: _____ | Human Years: <u>9</u> Dog's Age: _____ |
| Human Years: _____ Dog's Age: <u>63</u> | Human Years: <u>7</u> Dog's Age: _____ | Human Years: _____ Dog's Age: <u>56</u> | Human Years: _____ Dog's Age: <u>49</u> |
| Human Years: _____ Dog's Age: <u>70</u> | Human Years: <u>10</u> Dog's Age: _____ | Human Years: _____ Dog's Age: <u>7</u> | Human Years: <u>7</u> Dog's Age: _____ |

Write four words to describe this Jack-o'-Lantern.

1. _____

2. _____

3. _____

4. _____



Use one or more of these words also:

carved

orange

menacing

angry

smiling

©edHelper

Write a sentence to describe the picture.

Use some of the above words.

Write the words into the boxes.

knew • ready • tied • book • straw • grape • kiss • born • barn
hill • smile

□ □ □ □ □

□ □ □ □ □

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□ □ □ □ □

□ □ □ □ □

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□ □ □ □ □

Skip count by sixes.

6

12

$$3 \times 6 = \underline{6} + \underline{6} + \underline{\quad} = \underline{\quad}$$

Skip count by sixes.

6

12

$$6 \times 6 = \underline{6} + \underline{6} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$6 + 6 = \underline{\quad} \times 6$$

$$6 + 6 + 6 = \underline{\quad} \times 6$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad} \times 6$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad} \times 6$$

$$15 + 15 + 15 + 15 + 15 = \underline{\quad} \times 15$$

$$23 + 23 + 23 + 23 + 23 + 23 + 23 = \underline{\quad} \times 23$$

$$16 + 16 + 16 + 16 = \underline{\quad} \times 16$$

$$13 + 13 + 13 + 13 + 13 + 13 = \underline{\quad} \times 13$$

$$100 + 100 + 100 + 100 = \underline{\quad} \times 100$$

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 6 6 x 1 | 12 6 x ___ | 18 6 x ___ | 24 6 x ___ | 30 6 x ___ |
| 36 6 x ___ | 42 6 x ___ | 48 6 x ___ | 54 6 x ___ | 60 6 x ___ |

$$6 + 6 = 12$$

$$6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = \underline{\quad}$$

Billy was having the coolest birthday party. "Thanks for inviting me," said Jen to Billy. "Wait, wait!" yelled Billy to Jen who was leaving. "Before you leave, you have to play the crane game for your goodie bag."

Jen loved the crane. Before she knew it, Jason and Rachel were behind her waiting to play.

"I won! I won!" said Jen as she went to count her candy. She won 9 pieces of candy.

"I won! I won!" said Jason. He won 5 pieces.

"I won! I won!" said Rachel. She only won 4 pieces of candy.

Jen could see a tear almost start to come out of Rachel's eyes. Before even thinking, she said, "Hey Rachel and Jason, want to share our candy evenly?"

Everyone agreed! Rachel was so happy. How many pieces of candy did Rachel end up with?

Show your work.

Name _____



Date July _____

Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and end your last line on the **E** circle. You can go through a circle more than once.

Part of the line has already been drawn for you.

| | | | | | |
|---|----------|--|----------|--|---|
| | | | E | | |
| ● | | | ● | | |
| | | | ● | | ● |
| | ● | | ● | | ● |
| | B | | | | ● |
| ● | ● | | | | |

Didn't get them all? That's ok. This was hard. I missed only _____ circles.

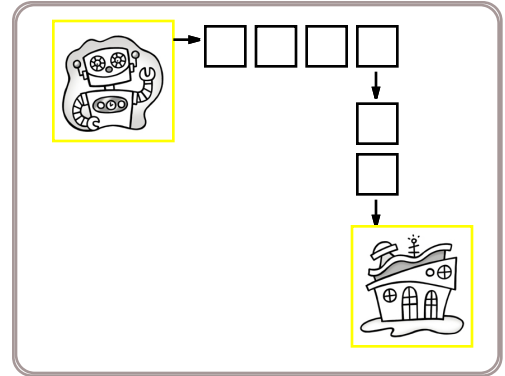
go_down (how many squares) The robot will go down this many squares.

go_right (how many squares) The robot will go right this many squares.

Secret map:

```
print robot()
go right ( 4 )
go down ( 2 )
print robot home()
```

Draw the map:

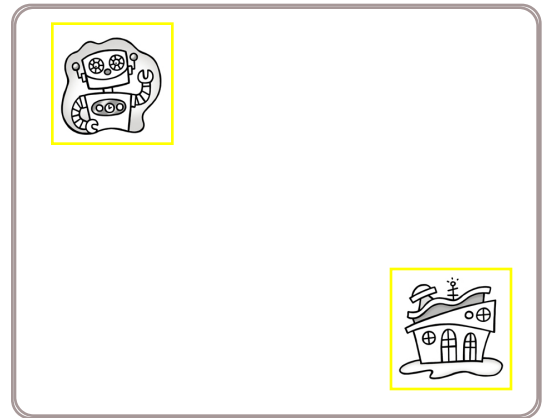


Robot moved 6 squares.

Secret map:

```
print robot()
go right ( 4 )
go down ( 2 )
print robot home()
```

Draw the map:



Robot moved _____ squares.

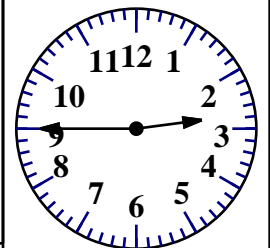
ten more
than 556

Combine the words to make a compound word.

flood + light = _____

time + table = _____

$$\begin{array}{r} 41 \\ + 56 \\ \hline \end{array}$$

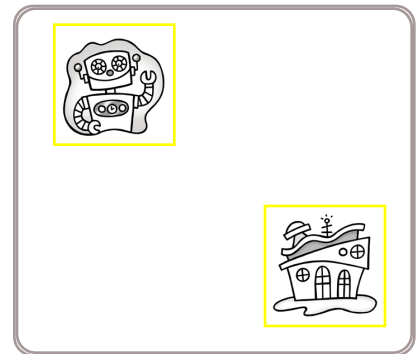


_____ : _____

Secret map:

```
print robot()
go right ( 2 )
go down ( 1 )
print robot home()
```

Draw the map:

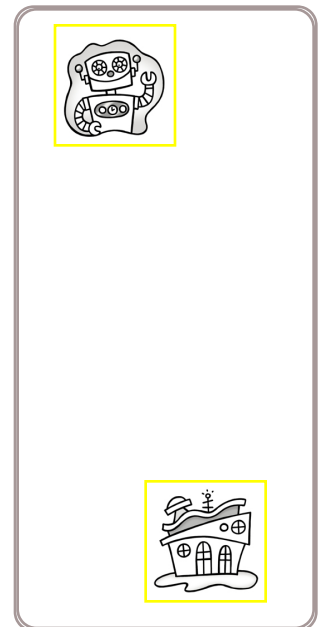


Robot moved _____ squares.

Secret map:

```
print robot()
go down ( 2 )
go right ( 1 )
go down ( 2 )
print robot home()
```

Draw the map:



Robot moved _____ squares.

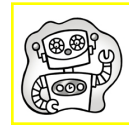
| | | | | |
|--|---|------------------------------|--------------|--|
| $\begin{array}{r} 1 \\ 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 63 \\ + 35 \\ \hline \end{array}$ | <p>ten more than 311</p> | <p>01:00</p> | |
|--|---|------------------------------|--------------|--|



Secret map:

```
print robot()
go right ( 1 )
go down ( 2 )
go down ( 2 )
print robot home()
```

Draw the map:

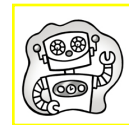


Robot moved _____ squares.

Secret map:

```
print robot()
go right ( 2 )
go down ( 2 )
print robot home()
```

Draw the map:



Robot moved _____ squares.

$$42 - 1 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 36 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 5 \\ + 1 \\ \hline \end{array}$$

What would you visualize if you read a piece of text that contains the words sand, palm tree, and ocean?



How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.

Spin fidget spinner. Quick! Do as many as you can before it stops.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|



Math Tricks

Quickly, what is $7 + 9$? Is it 16? Maybe 15? It's uh... [using fingers]. You're kidding!
When you add a number to 9, the answer is $10 +$ that number $- 1$.

$$\begin{aligned} &+9 \text{ Rule} \\ \# + 9 &= \boxed{1} \boxed{\# - 1} \\ 3 + 9 &= 12 \\ 5 + 9 &= 14 \end{aligned}$$

$$\begin{aligned} \# &= 3 \\ \underline{3} + 9 &= 1 \boxed{3 - 1} \\ &= \underline{1} \underline{2} \end{aligned}$$

$$\begin{aligned} \# &= 1 \\ \underline{\quad} + 9 &= 1 \boxed{\quad - 1} \\ &= \underline{\quad} \underline{\quad} \end{aligned}$$

$$\begin{aligned} \# &= 9 \\ \underline{\quad} + 9 &= 1 \boxed{\quad - 1} \\ &= \underline{\quad} \underline{\quad} \end{aligned}$$

$$\begin{aligned} \# &= 8 \\ \underline{\quad} + 9 &= 1 \boxed{\quad - 1} \\ &= \underline{\quad} \underline{\quad} \end{aligned}$$

$$\begin{aligned} 9 + 9 &= \underline{1} \underline{8} \\ \text{Since } 9 - 1 &= 8 \end{aligned}$$

$$\begin{aligned} 3 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 3 - 1 &= 2 \end{aligned}$$

$$\begin{aligned} 4 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 4 - 1 &= 3 \end{aligned}$$

$$\begin{aligned} 2 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 2 - 1 &= 1 \end{aligned}$$

$$\begin{aligned} 6 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 6 - 1 &= 5 \end{aligned}$$

$$\begin{aligned} 5 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 5 - 1 &= 4 \end{aligned}$$

$$\begin{aligned} 1 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 1 - 1 &= 0 \end{aligned}$$

$$\begin{aligned} 7 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 7 - 1 &= 6 \end{aligned}$$

Write in your own words how to add a number to 9.

Step 1:

Fill in the numbers.

| | | | | |
|--|----|----|----|----|
| | 36 | | 38 | |
| | 46 | 47 | 48 | 49 |
| | | 57 | 58 | 59 |

| | | | | | |
|----|----|----|----|----|----|
| 11 | 12 | 13 | | | 16 |
| | 22 | | | | |
| | | 33 | 34 | 35 | 36 |

| |
|----|
| |
| 69 |
| |

| | | |
|----|----|--|
| 44 | 45 | |
| | 55 | |
| | | |
| 74 | | |

| | | |
|----|----|----|
| 22 | | |
| | 33 | 34 |
| | 43 | |
| | | |

| | | |
|----|----|-----|
| 67 | | |
| | | 80 |
| | | |
| | 99 | 100 |

It is your turn. Write O to make your move.

| | | |
|---|---|---|
| X | | |
| X | X | O |
| | | O |

$$\begin{array}{r} 88 \\ + 19 \\ \hline \end{array}$$

Circle the even number.

2 1 17 19
7 9



Fill in the blanks with these numbers:
3, 3

$$\begin{array}{r} 3 \quad 3 \\ + \quad \square \quad 0 \\ \hline 6 \quad \square \end{array}$$

Fill in the blanks with these numbers:
5, 7

$$\begin{array}{r} 6 \quad \square \\ + 1 \quad \square \\ \hline 8 \quad 2 \end{array}$$

$$\begin{array}{r} 64 \\ - 20 \\ \hline \end{array}$$


$$\begin{array}{r} 9 \\ 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 77 \\ \hline \end{array}$$

Each box needs a number from 1 to 9. You may re-use numbers.
One set of sums has been done for you.

| | | | | | | | |
|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|
| sum of 4 ↓ | sum of 5 → | | | | | sum of 8 ↓ | sum of 3 ↓ |
| 1 | sum of 7 ↓ | | | sum of 5 → | | | |
| 2 | | sum of 7 ↓ | sum of 8 ↓ | sum of 6 → | | | |
| 1 | | | | | sum of 4 → | | |
| sum of 7 → | | | | | | sum of 9 ↓ | |
| | | | | | sum of 10 → | | |
| | | | | sum of 8 → | | | |
| | | | sum of 8 → | | | | |

| | | | | | | | |
|---------------|---------------|----------------|---------------|---------------|--|---------------|---------------|
| sum of 8 → | | | | | | sum of 6 ↓ | |
| | sum of 5 ↓ | sum of 10 ↓ | sum of 9 ↓ | | | | sum of 9 ↓ |
| sum of 6 → | | | | | | sum of 3 ↓ | |
| sum of 7 → | | | | | | | |
| sum of 6 ↓ | sum of 7 ↓ | | | sum of 5 ↓ | | | |
| | | | | | | | |
| | | sum of 4 → | 1 | 3 | | | |
| | | sum of 3 → | | | | | |

| | | | |
|------------------------------|--|---|---|
| <p>ten less than 938</p> | <p>Maria knew three magic tricks. She learned four new tricks. How many magic tricks can she do now?</p> | $\begin{array}{r} 55 \\ - 42 \\ \hline \end{array}$ | $93 - 3 = \underline{\quad}$ |
| | | |  |

| | | |
|---|---|--|
| $\begin{array}{r} 69 \\ - 31 \\ \hline \end{array}$ | <p>How many days are there in two full weeks? _____</p> | <p>Write the words for each contraction.</p> <p>hasn't h </p> <p>it's i </p> |
|---|---|--|

| | |
|---|--|
| $\begin{array}{r} 63 \\ + 26 \\ \hline \end{array}$ | <p>Circle the words.</p> <p>mighttiedaddhightaskcrysunstooltestprintover elseparkhighcrypulltesthasbuyeggprintcallsunill</p> |
|---|--|



Patterns

Dr. Programmer typed:

```
#
# I am going to tell my computer
# to print a pattern.
#
print ("The pattern is AB AB AB AB.")
```

The computer replied:

T h e p a t t e r n
i s A B A B A B
A B .

Dr. Programmer typed:

```
print ("The pattern is ABD ABD ABD ABD.")
```

The computer replied:

A B D
 e r n
A A
A D .

Dr. Programmer typed:

```
print ("The pattern is BJKLV
BJKLV BJKLV BJKLV.")
```

The computer replied:

B J K L V t e
 B J
 B K .

Wendy has 6 coins that equal 60¢ in all. Which coins does she have?

$$\begin{array}{r} 63 \\ + 53 \\ \hline \end{array}$$

Circle the fourth letter.

L Z P Y B F K X

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

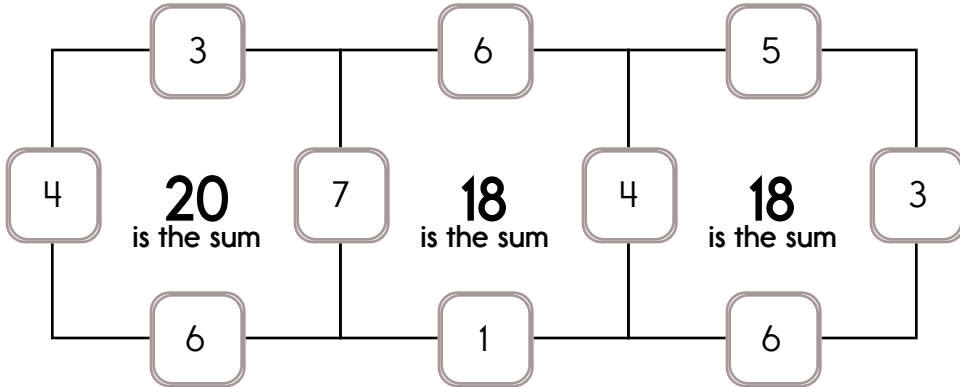
Example:

$$4 + 7 + 3 + 6 = 20$$

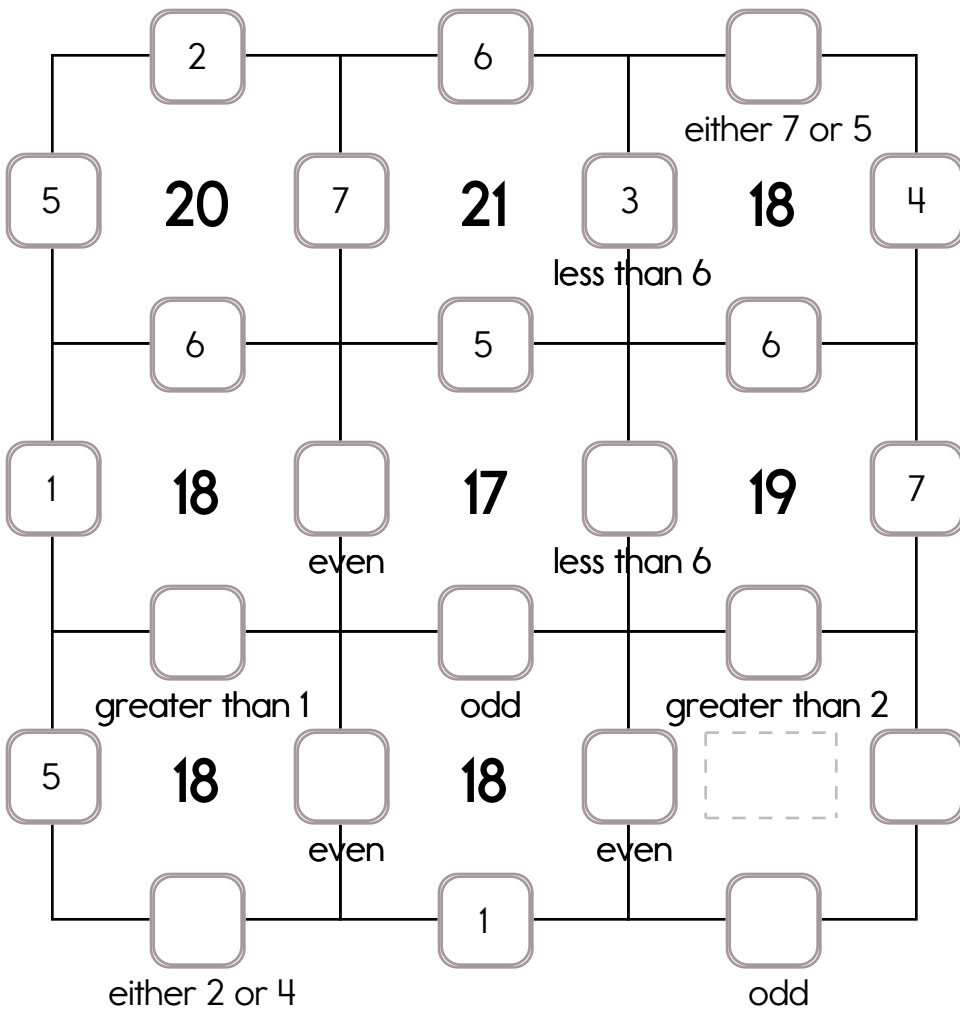
Example:

$$4 + 3 + 5 + 6 = 18$$

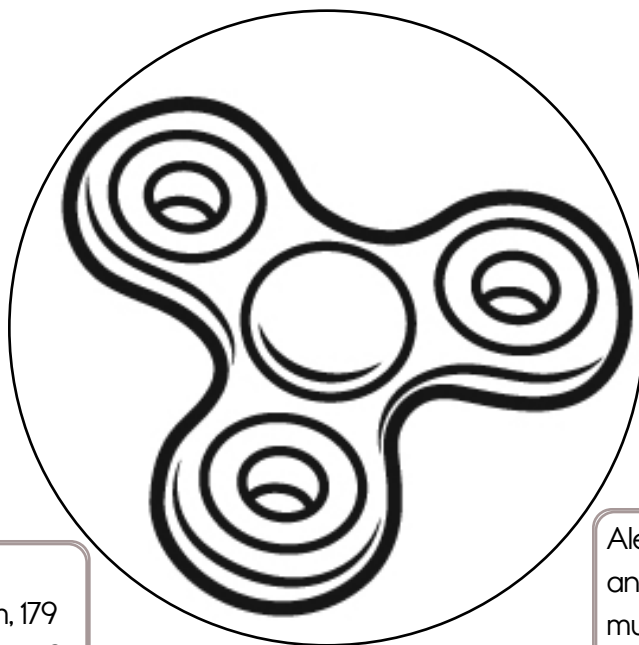
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3. The other three numbers have to all be DIFFERENT and can be from these numbers: 4, 5, 6, or 7.



Use a scrap piece of paper.



How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.

There are 236 food service workers in our town. Of them, 179 are women. How many are men?

Amy had 3 dimes and 9 pennies. She gave 2 dimes to her best friend. How much money does she have left?

Miss White made 54 ice cream cones. Of that number, 28 were chocolate. How many cones were not chocolate?

The Rodriguez family watched the fireworks for almost an hour. They saw 36 different displays. Eighteen of the displays didn't make noise. How many did make noise?

A box of oatmeal costs \$1.65. Jason gave the clerk \$2 for a box. How much change did he get?

Megan did 22 sit-ups. Erin did 10 sit-ups. How many sit-ups did they do in all?

Erin bought a map of Thailand. It cost 61¢. She had 3 quarters. What was her change?

Mrs. Dunne used 34 pieces of pepperoni on her pizza. Mr. Toms used 23 pieces. How many more pieces did Mrs. Dunne use than Mr. Toms?

Alex bought an eraser for 9 cents and a puzzle for 93 cents. How much money did he spend?

Adam bought 5 flags. Each flag cost 1 quarter and 5 pennies. How much did he spend in all?

Sarah's grandfather owns a sheep ranch in Australia. On his ranch he has 562 white sheep and only 124 black sheep. How many sheep does he have in all?

Jessica planted 32 rose bushes. Twenty-one of them will have pink roses. The rest will have red roses. How many bushes will have red roses?

Spin the fidget spinner again until you finish THIS page. I needed to spin _____ time(s) to finish.

Mary's sister is a toddler. Mary baby-sits for 1 hour and 20 minutes each day. If she starts at 3:20 p.m., what time is she finished?

Adam bought a chocolate football. It cost seventy-five cents. He gave the clerk a dollar. How much money did Adam get back?

Adam went to the store. He bought a treat for his dog. The treat cost 35 cents. He gave the clerk one dollar. How much change did he get?

Wendy took a nap on Lazy Day. She went to sleep at 1:49 p.m. She slept for an hour and 31 minutes. What time did she wake up?

Jessica played video games on Lazy Day. Her scores were 290, 327, and 424. How many points did she score in all?

Peter left 14 socks on the chair. His puppy hid 7 of the socks. How many socks does he have left?

Sara took a nap on Lazy Day. She went to sleep at 1:49 p.m. She slept for an hour and 33 minutes. What time did she wake up?

Rose had 5 dollar bills and five dimes. She spent \$1 for dog food. How much money does she have left?

The Vikings were worried. They started a journey with 390 gallons of drinking water. Already they had used 177 gallons. How much water was left?

The microwave oven cooked the TV dinner in 3 minutes. Jacob put the dinner in the oven at 6:34 p.m. What time was the dinner ready?

Eric put 114 boxes of Jell-O on the store shelf. The store sold 80 boxes. How many boxes were left?

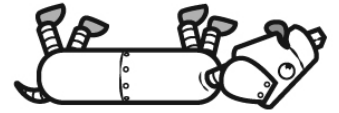
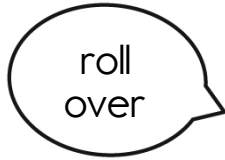
"Jokes and More" is Jason's favorite TV show. It will be on at 4:00 p.m. It is 1:24 p.m. now. How long is it until "Jokes and More" starts?

Jacob made 8 bologna sandwiches for his friends. He used 4 slices of bologna on each sandwich. How many slices of bologna did he use in all?

It takes 12 minutes to cook some oatmeal. Mrs. Jackson started cooking some oatmeal at 6:46 a.m. What time did she finish it?

Emily set a goal. She would spend 45 minutes on her homework every day. She started working at 4:15 p.m. What time did she finish?

Mrs. Clark made 180 biscuits. The children ate 123 biscuits. How many biscuits were left?



Simon says, "A is 6. B is 8. C is 9. D is 13.
What is B?"

8

Simon says, "What is A?"

—

B is 8. A is 6.
So B - A is 2.



B i s 8 . A i s
6 . S o B - A
i s 2 .

Simon says, "What is D?"

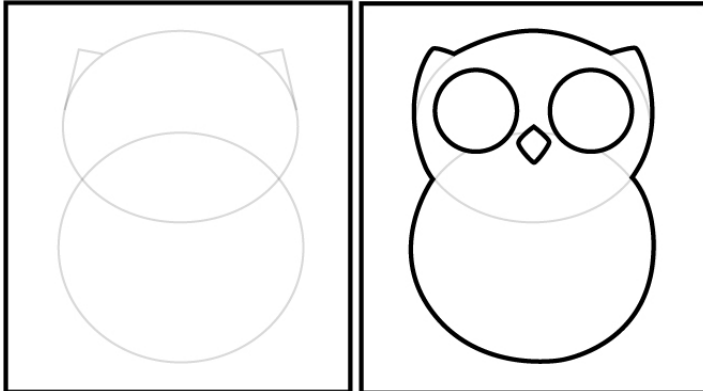
—

Simon says, "What is C?"

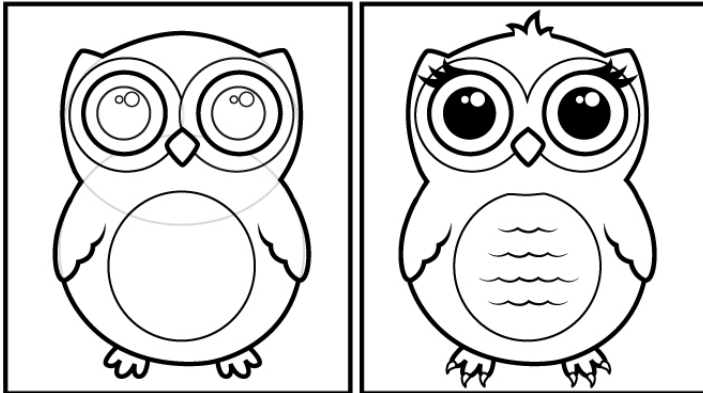
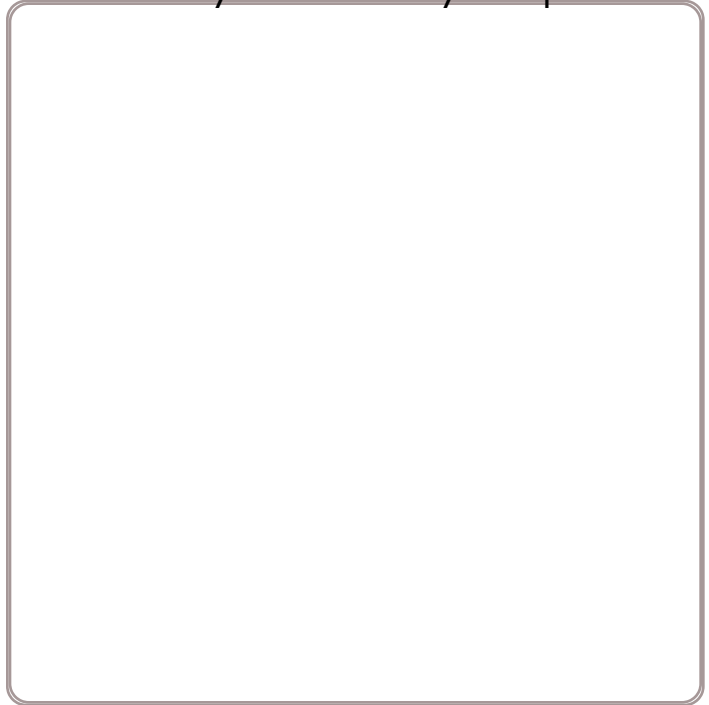
—

Simon says, "What is D - C?"

—



Draw it.
What can you add to your picture?



I added _____

Holly ate four slices of pizza. Jacob ate five slices of pizza. How many slices of pizza did Holly and Jacob together eat altogether?

ten more than 264

Read the word.
Clap your hand for each syllable.
How many syllables?

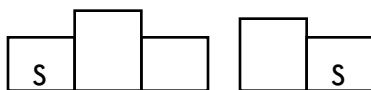


white

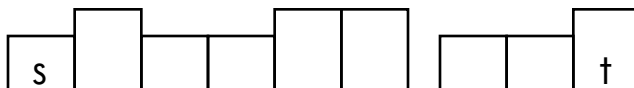
1 2 3

Write the words for each contraction.

she's



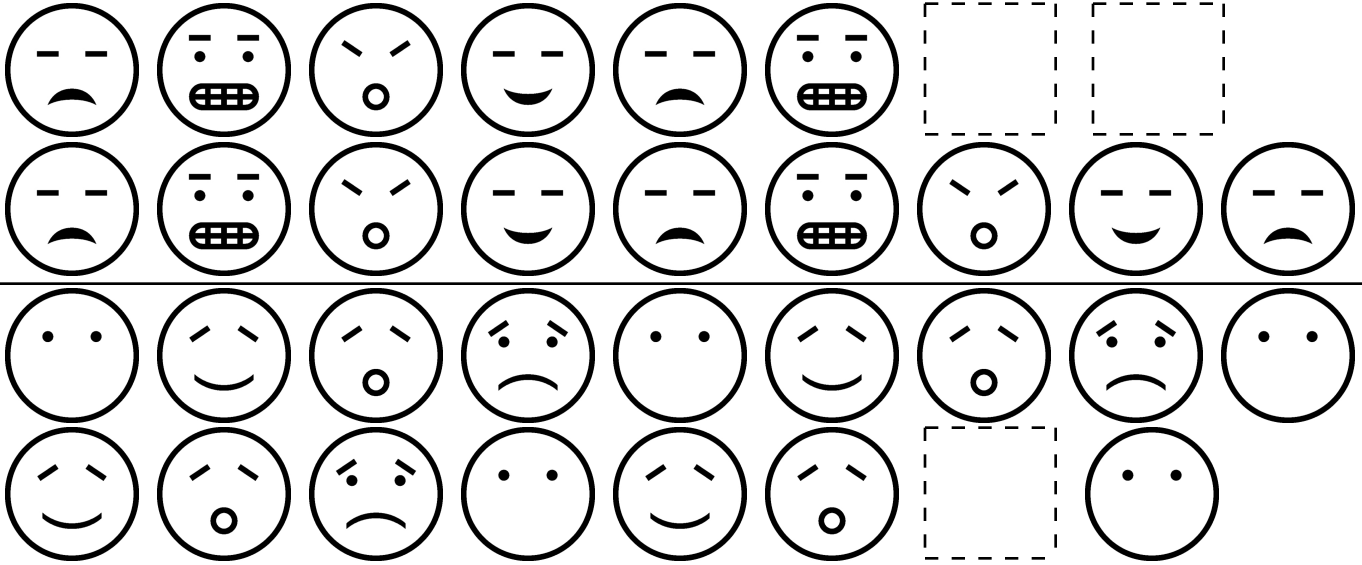
shouldn't



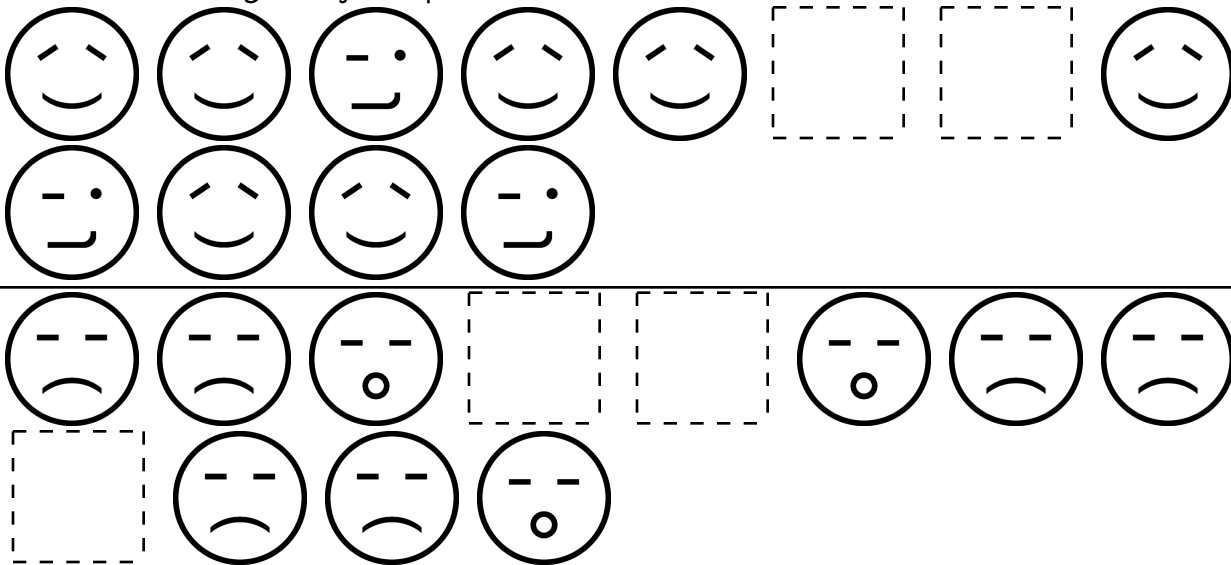
$$50 + 2 = \underline{\hspace{2cm}}$$

$$61 + 3 = \underline{\hspace{2cm}}$$

Draw the missing emojis. Explain the rule.



Draw the missing emojis. Explain the rule.



True, Not True, False, and Not False

True True

Not True False

False False

Not False True

With "AND" both need to be true.

True and False False

True and True True

False and True False

False and False False

Not True _____

True _____

False _____

Not False _____

False and True _____

True and True _____

True and False _____

False and False _____

Combine the words to make a compound word.

some + what = _____

candle + stick = _____

Get your ruler. Draw a line using your ruler that is 3 inches long.

Eight is an odd number.

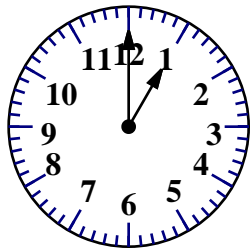
no yes

kewl

kal

kiwl

call



:

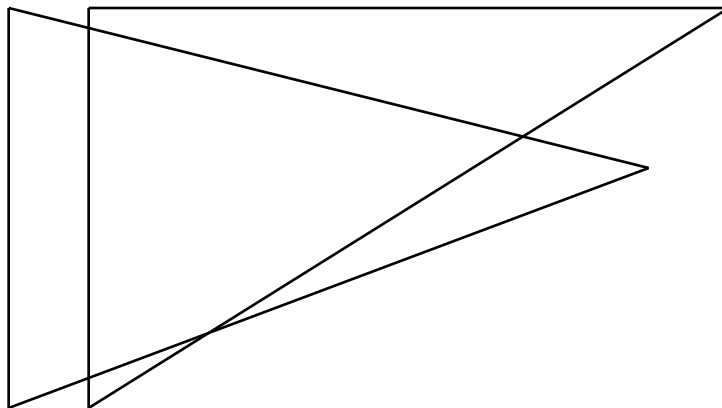


How many triangles can you find?

Color the smallest triangle you can find red.

Color the largest triangle you can find yellow.

(Hint: Look for small and big triangles.)



_____ triangles

$9 + 7 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$5 + 7 = \underline{\quad}$

$3 + 5 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$8 + 2 = \underline{\quad}$



$7 + 6 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

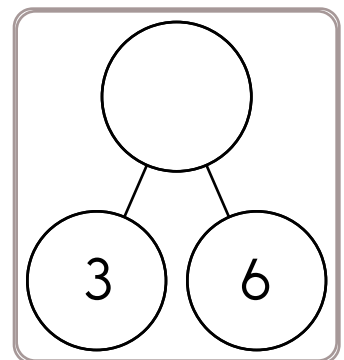
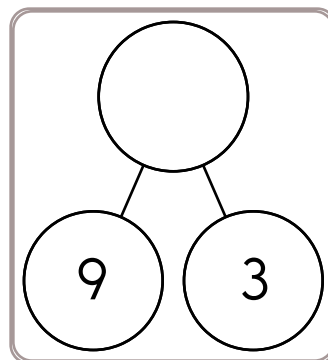
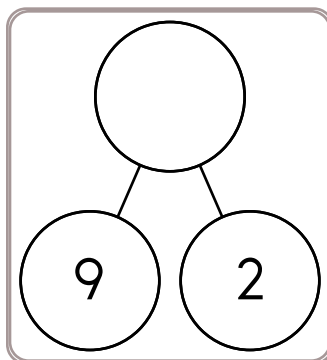
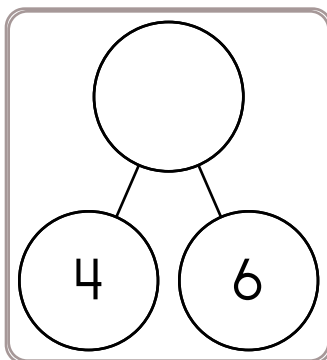
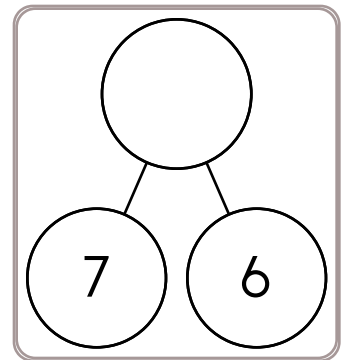
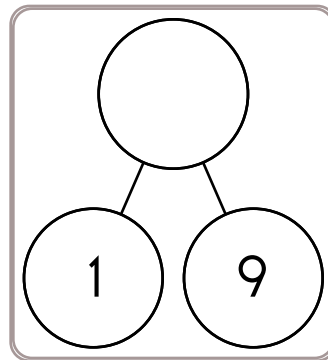
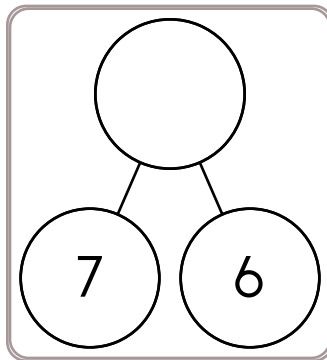
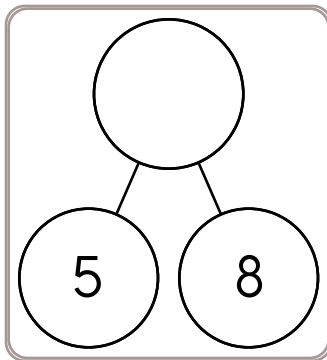
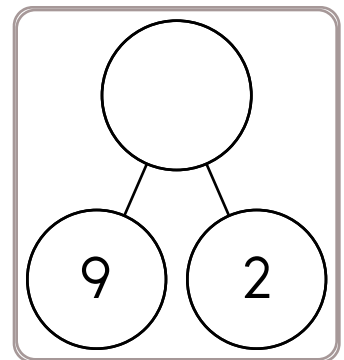
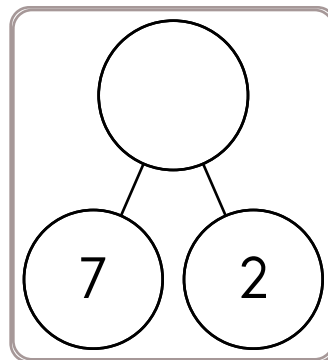
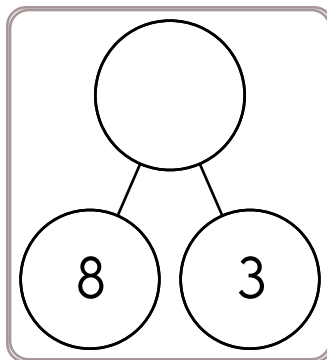
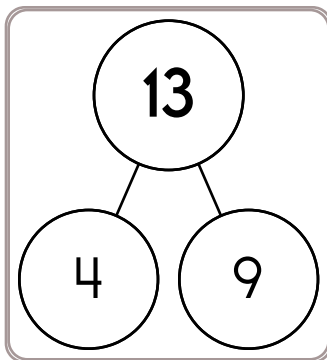
$2 + 1 = \underline{\quad}$

$2 + 4 = \underline{\quad}$

$4 + 6 = \underline{\quad}$

$5 + 9 = \underline{\quad}$

Spin fidget spinner. Quick! Add. Complete each number bond. Do as many as you can before it stops.



$3 + 1 = \underline{\quad}$

$9 + 7 = \underline{\quad}$

$6 + 8 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$1 + 7 = \underline{\quad}$

$7 + 7 = \underline{\quad}$



$5 + 2 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

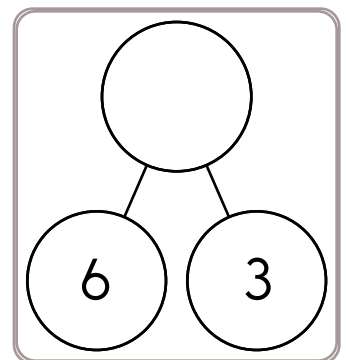
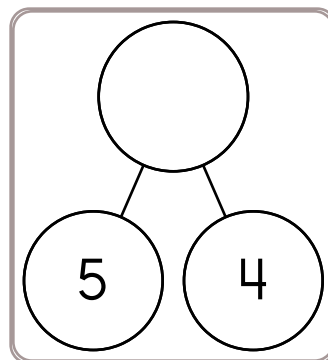
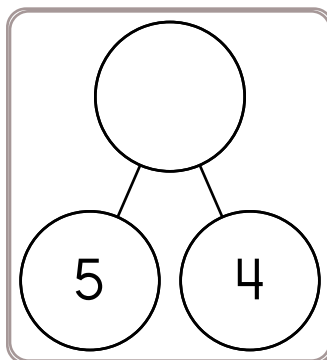
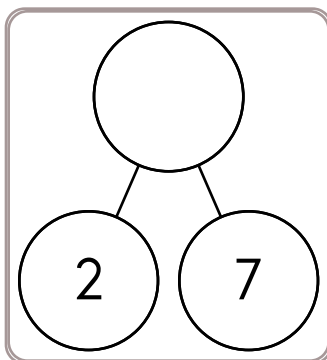
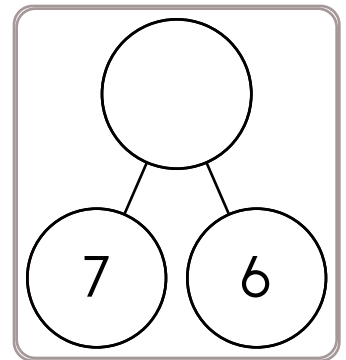
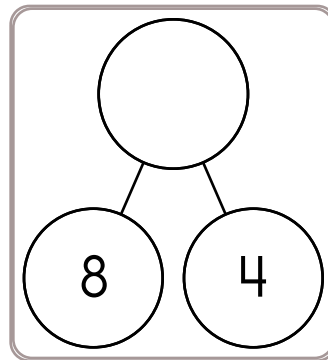
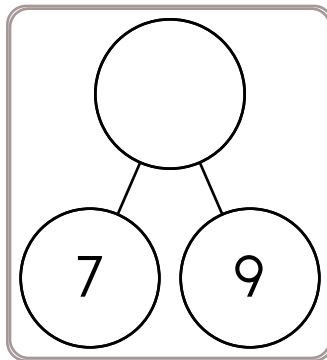
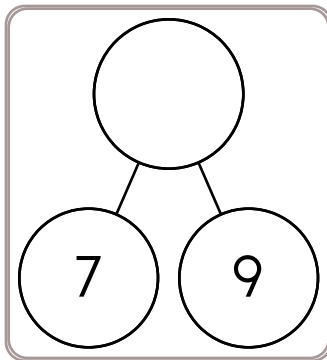
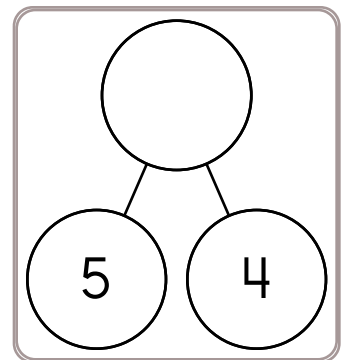
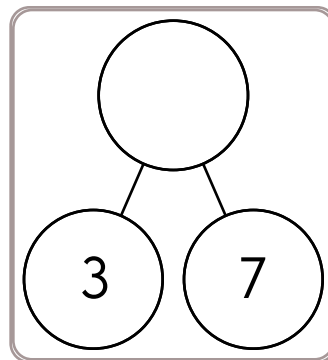
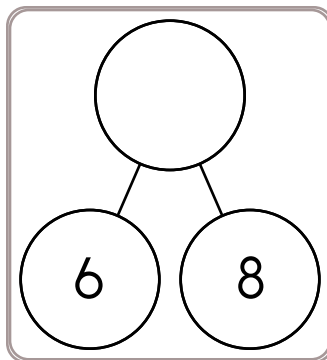
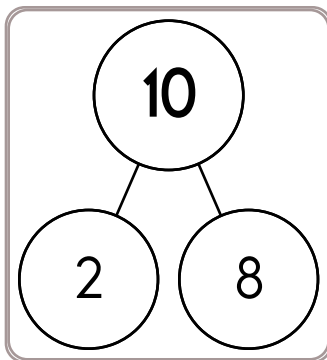
$6 + 4 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

Spin fidget spinner. Quick! Add. Complete each number bond. Do as many as you can before it stops.



True, Not True, False, and Not False

True True

Not True False

False False

Not False True

**With "OR"
only ONE true is needed.**

True or False True

True or True True

False or True True

False or False False

False _____

Not False _____

Not True _____

True _____

True or True _____

False or False _____

True or False _____

False or True _____

Pick a word from the list below to fit each word group.

elephant • potato • tile • sugar • mowing • yogurt

| |
|------------|
| towel rack |
| toilet |
| |

| |
|--------|
| radish |
| pepper |
| |

| |
|----------|
| painting |
| sweeping |
| |

| |
|---------------|
| baking powder |
| baking soda |
| |

| |
|-------|
| lion |
| tiger |
| |

| |
|-----------|
| ice cream |
| cheese |
| |

How many weekend days are there in two full weeks?

What is the fourth month of the year?

nineteen

| | | | | | |
|----|----|----|-----|-----|----|
| 1 | +4 | | -3 | | |
| | | | | +22 | |
| | +9 | | -24 | | |
| +8 | | | | | |
| | -1 | 16 | -9 | | +5 |

| | | |
|----|----|----|
| | +2 | |
| +1 | | +7 |
| | | |
| -7 | | -6 |
| | | 9 |

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 4. All four numbers must be used, and none can be repeated. Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

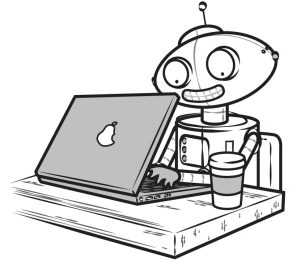
| | |
|---|---|
| 3 | 4 |
|---|---|

| | | | |
|---|--|---|---|
| | | 3 | |
| | | | 4 |
| | | | |
| 4 | | | 2 |

$$\begin{array}{r} 65 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 20 \\ \hline \end{array}$$



Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.

Dr. Programmer typed:

```
tens = 2
ones = 7
print ("My number is ",tens,ones)
```

The computer replied:

My number is 27

```
tens = 5
ones = 8
print ("My number is ",tens,ones)
```

```
tens = 6
ones = 6
print ("My number is ",tens,ones)
```

```
tens = 8
ones = 5
print ("My number is ",tens,ones)
```

```
ones = 4
tens = 6
hundreds = 2
print ("My number is ",hundreds,tens,ones)
```

```
ones = 4
tens = 6
hundreds = 8
print ("My number is ",hundreds,tens,ones)
```

ones = 3
 tens = 7
 hundreds = 6
 print ("My number is ",hundreds,tens,ones)

tens = 7
 print (tens," tens is ",tens,'0')

7 tens is 70

tens = 6
 print (tens," tens is ",tens,'0')

tens = 8
 print (tens," tens is ",tens,'0')

tens = 68
 print (tens," tens is ",tens,'0')

68 tens is

680

tens = 88
 print (tens," tens is ",tens,'0')

Combine the words to make a compound word.

book + mobile = _____

back + stroke = _____

Six is an odd number.
 true false

Write the missing sign.
 12 ___ 7 = 19

100 more
 than 849

Combine the words to make a compound word.

wind + swept = _____

life + long = _____



Spin fidget spinner. Quick! Do as many as you can before it stops.

— —
12 ones

— —
The number ten greater
than 58.

—
one ten - three ones

— —
eight tens - eight ones

— —
seven tens - seven ones

— —
nine tens and three ones

— —
The number ten greater
than 45.

— —
two tens - seven ones

— —
The number ten greater
than 11.

— —
two tens and eight ones

— —
five tens and nine ones

— —
six tens and five ones

— —
seven tens and seven ones

— —
The number ten greater
than 58.

— — — —
80 hundreds

| | | | |
|----|-----|--|-----|
| 9 | +8 | | -17 |
| | | | |
| | -8 | | +23 |
| +5 | | | |
| | | | |
| -2 | | | |
| | | | |
| -7 | | | |
| | -11 | | +4 |

| | | | | |
|----|--|----|-----|----|
| +6 | | +1 | | -3 |
| | | | | |
| -9 | | | | +9 |
| | | | | |
| +5 | | | | -2 |
| | | | | |
| | | | -15 | |
| | | +8 | | |
| | | | | |
| | | +3 | 12 | |

Finish each sentence using a word from the box.

over brown draw two

I will run in _____ days.

I will _____ a picture of a place that's far away.

I have a big black dog and a small _____ cat.

Once I jumped _____ three logs.

$$\begin{array}{r} 22 \\ + 45 \\ \hline \end{array}$$

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

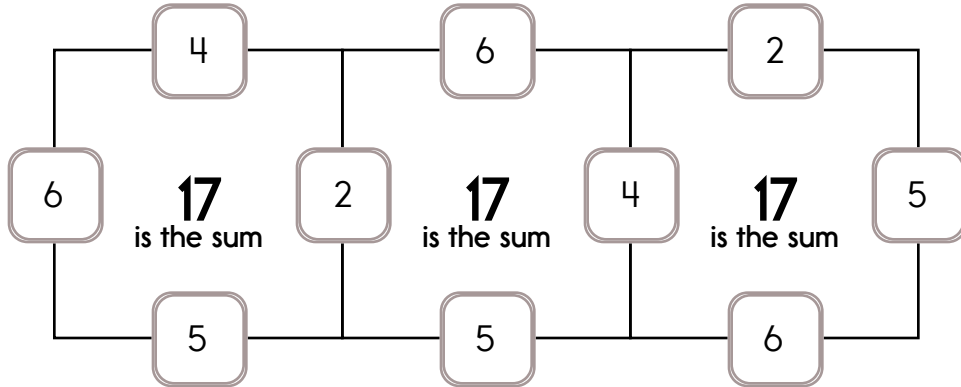
Example:

$$6 + 2 + 4 + 5 = 17$$

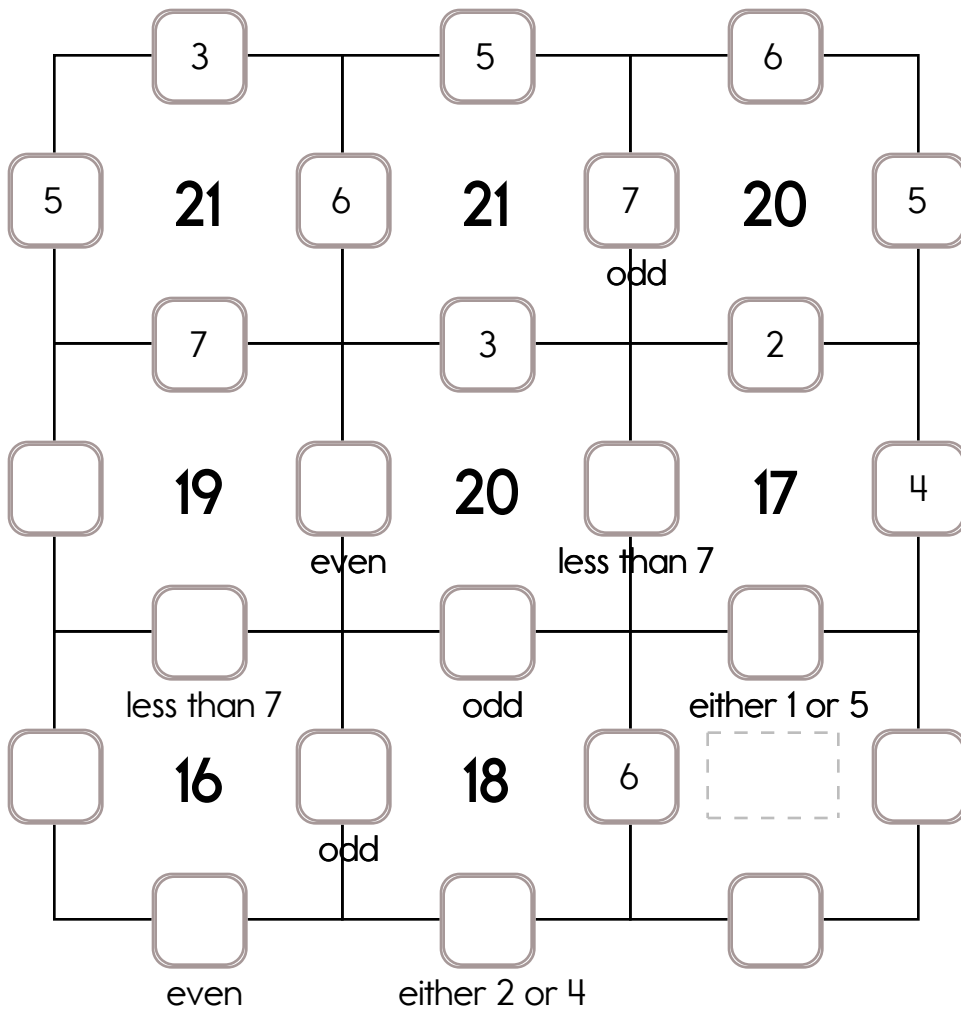
Example:

$$4 + 5 + 2 + 6 = 17$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3. The other three numbers have to all be DIFFERENT and can be from these numbers: 4, 5, 6, or 7.



Complete each pattern, using the same rule. Write what the rule is.

A, L, B, ____, ____, N, D, O, E, P, F, Q

C, K, D, L, E, M, ____, ____, G, O, H, P

F, M, G, ____, H, O, I, P, J, Q

Complete each pattern, using the same rule. Write what the rule is.

_____, _____, 105, 100, 95, 90, 85, 80

80, _____, _____, 65, 60, _____, 50, 45, 40

135, 130, 125, _____, _____, 110, 105, 100, 95, _____

70, _____, _____, 55, 50, 45, 40, 35, 30, _____

Complete each pattern, using the same rule. Write what the rule is.

3, 4, 4, 3, 4, 4, 3, 4, 4, 3, ____, ____

5, 2, 2, ____, ____, ____, ____, 2, 2, 5, 2, 2

Complete each pattern, using the same rule. Write what the rule is.

30, ____, 50, 60, 70, 80, 90

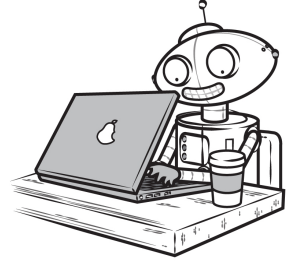
____, ____, 100, ____, ____, 130, 140, 150, 160

____, 70, 80, 90, ____, ____, 120

140, 150, 160, 170, 180, ____, ____, ____, 220, 230

Morning News

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



Dr. Programmer typed:

```
print ("Hello everyone.")
```

The computer replied:

```
He l l o
e v e r y o n e .
```

```
print ("Today we have BIG news.")
```

```
T _ _ a _ _ _ _ a _ e
_ _ _ _ _ .
```



It is Spii Guy.
He is trying to break Dr. Programmer's code!

```
print ("Spii Guy does not like news!")
```

```
_____
_____
_____
```

```
print ("Spii Guy!
I thought you were in jail.")
```

```
_____
_____
_____
_____
```

↑ Fixed Missing Word

_____ ("Put back my print command!")

↑
 Fixed Missing Word

p _____
c _____ d!

_____ ("I am trying to have morning meeting!")

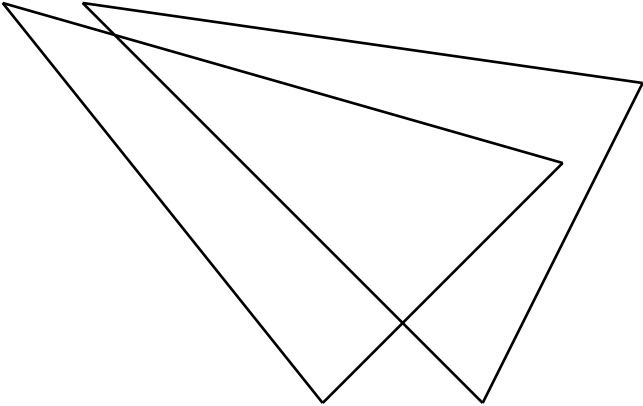
↑
 Fixed Missing Word

__ _m
t _ _ i _ _

m _ _ _ n _
__ e t _ n _ !

Write the missing sign.
9 _ 4 = 5

How many triangles can you find?
Color the smallest triangle you can find red.
Color the largest triangle you can find yellow.
(Hint: Look for small and big triangles.)

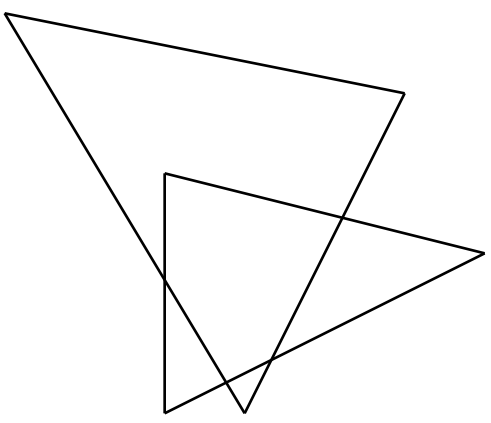


_____ triangles



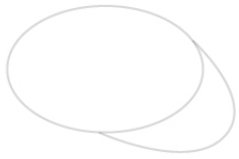
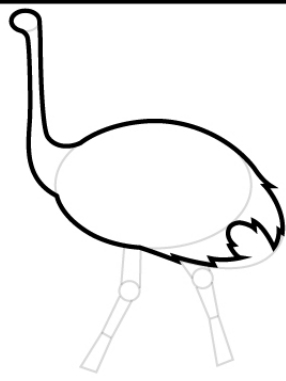
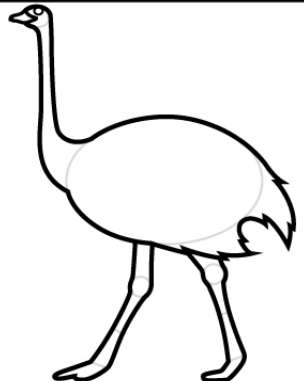
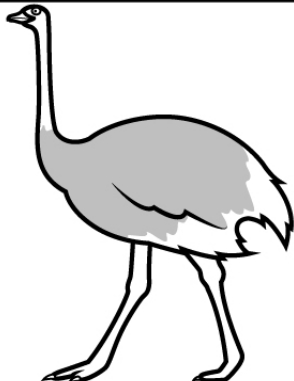
| | |
|--|--------------------------------------|
| Write fr or ch to complete each word. _____og _____op _____ildren _____eek | $63 - 53 = \underline{\hspace{2cm}}$ |
|--|--------------------------------------|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------|-------|-------|-------|--------|-------|------|-------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------------|
| When you take 3 away from me, the answer is 5. What number am I? _____ | <table border="0"> <tr><td>r</td><td>i</td><td>u</td><td>w</td><td>t</td><td>b</td><td>k</td><td>b</td><td>r</td><td>b</td></tr> <tr><td>d</td><td>i</td><td>a</td><td>o</td><td>u</td><td>t</td><td>n</td><td>r</td><td>w</td><td>e</td></tr> <tr><td>c</td><td>s</td><td>b</td><td>l</td><td>a</td><td>c</td><td>k</td><td>o</td><td>i</td><td>t</td></tr> <tr><td>n</td><td>w</td><td>h</td><td>i</td><td>t</td><td>e</td><td>w</td><td>w</td><td>s</td><td>t</td></tr> <tr><td>c</td><td>o</td><td>u</td><td>l</td><td>d</td><td>v</td><td>h</td><td>n</td><td>h</td><td>e</td></tr> <tr><td>d</td><td>i</td><td>d</td><td>t</td><td>n</td><td>e</td><td>v</td><td>e</td><td>r</td><td>r</td></tr> <tr><td>o</td><td>n</td><td>e</td><td>o</td><td>w</td><td>w</td><td>b</td><td>d</td><td>w</td><td>t</td></tr> </table> | r | i | u | w | t | b | k | b | r | b | d | i | a | o | u | t | n | r | w | e | c | s | b | l | a | c | k | o | i | t | n | w | h | i | t | e | w | w | s | t | c | o | u | l | d | v | h | n | h | e | d | i | d | t | n | e | v | e | r | r | o | n | e | o | w | w | b | d | w | t | ten more than 287 |
| r | i | u | w | t | b | k | b | r | b | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d | i | a | o | u | t | n | r | w | e | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c | s | b | l | a | c | k | o | i | t | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| n | w | h | i | t | e | w | w | s | t | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c | o | u | l | d | v | h | n | h | e | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d | i | d | t | n | e | v | e | r | r | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| o | n | e | o | w | w | b | d | w | t | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| There are 5 nests in the apple tree. There are 2 eggs in each nest. How many eggs are there in all? | <p style="text-align: center;">Word Bank</p> <table border="0"> <tr><td>out</td><td>never</td><td>could</td></tr> <tr><td>brown</td><td>better</td><td>black</td></tr> <tr><td>wish</td><td>white</td><td>did</td></tr> </table> | out | never | could | brown | better | black | wish | white | did | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| out | never | could | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| brown | better | black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| wish | white | did | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--------------------------------------|--|
| $65 - 54 = \underline{\hspace{2cm}}$ | <p>How many triangles can you find? Color the smallest triangle you can find red. Color the largest triangle you can find yellow. (Hint: Look for small and big triangles.)</p>  <p style="text-align: center;">_____ triangles</p> |
|--------------------------------------|--|




| | | |
|---|--|--|
| $\begin{array}{r} 98 \\ - 52 \\ \hline \end{array}$ | <input type="radio"/> twici <input type="radio"/> twis <input type="radio"/> twie <input type="radio"/> twice | <p style="text-align: center;">Count by 100s.</p> <p style="text-align: center;">_____ 321 _____ 621 _____</p> |
|---|--|--|

| | |
|---|---|
|  |  |
|  |  |

Draw it.
What can you add to your picture?

I added _____

| | | | | | | |
|---|--|---|---|---|--|--|
| <p>Complete each analogy with the best word.</p> <p>mom bee small</p> | $\begin{array}{r} 33 \\ + 54 \\ \hline \end{array}$ | $\begin{array}{r} 65 \\ - 61 \\ \hline \end{array}$ | $\begin{array}{r} 99 \\ - 66 \\ \hline \end{array}$ | | | |
| <p>science is to fair as</p> <p>spelling is to _____</p> |  | | | | | |
| <p>bear is to big as</p> <p>squirrel is to _____</p> | | | | | | |
| <p>father is to dad as</p> <p>mother is to _____</p> | $\begin{array}{r} 2 \\ 2 \\ + 4 \\ \hline \end{array}$ | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center; padding: 5px;"> $\begin{array}{r} 67 \\ - 16 \\ \hline \end{array}$ </td> <td style="width: 25%; text-align: center; padding: 5px;"> $\begin{array}{r} 89 \\ - 27 \\ \hline \end{array}$ </td> <td style="width: 50%; padding: 5px;"> $87 - 1 = \underline{\hspace{2cm}}$ </td> </tr> </table> | $\begin{array}{r} 67 \\ - 16 \\ \hline \end{array}$ | $\begin{array}{r} 89 \\ - 27 \\ \hline \end{array}$ | $87 - 1 = \underline{\hspace{2cm}}$ | <p>Write the missing sign.</p> <p>11 <u> </u> 2 = 9</p> | | |
| $\begin{array}{r} 67 \\ - 16 \\ \hline \end{array}$ | $\begin{array}{r} 89 \\ - 27 \\ \hline \end{array}$ | $87 - 1 = \underline{\hspace{2cm}}$ | | | | |

Name _____



Date July _____

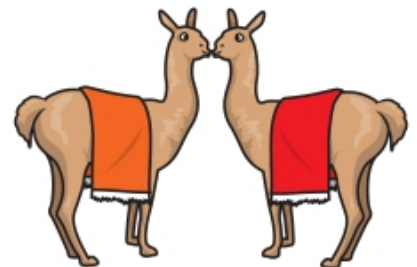
Pictures Kissing

Each of the pictures needs to kiss. The two pictures that kiss must be the same pictures.

Draw a line that connects one picture to one other picture to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a picture, that picture cannot be used again.

One complete line has already been drawn for you.

| | | | | |
|------------|------|-----|------------|--------|
| Maple Leaf | | | | Knife |
| Tent | | | Knife | Cow |
| House | | | | Lizard |
| House | Tent | Cup | Maple Leaf | Cow |
| Bat | | Bat | Cup | Lizard |



"Or" Questions:

```
if (true or false)
  print ("We have one true so it is true.");
else:
  print ("Everything is false so it is false");
```

The computer will print:

```
We have one
true so it
is true.
```

```
A = false or true;
print (A);
```

```
t r u e
```

```
A = true or false;
print (A);
```

```
A = false or false;
print (A);
```

```
A = not (false);
print (A);
```

```
A = not (true or true);
print (A);
```

```
A = not (true or false);
print (A);
```

```
a="February";
```

```
if (a=="January") or (a=="February")
  print ("You are in group 1.");
```

```
if (a=="March") or (a=="April")
  print ("You are in group 2.");
```

```
_____
_____
```


P = "Brazil";

if (P=="Canada") or (P=="Mexico") or (P=="US")
 print ("That is in North America.");

else:

print ("I am not sure where that is.");

print("Need a NOT");

A = not (true or true or false);
 print (A);

A = not (not(true));
 print (A);

Write the words for each contraction.

when's

w

hadn't

h t

$$\begin{array}{r} 12 \\ + 33 \\ \hline \end{array}$$

ten less than
414

$$\begin{array}{r} 77 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 26 \\ \hline \end{array}$$



Write this number using words.

$$\begin{array}{r} 49 \\ + 72 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 85 \\ \hline \end{array}$$



Spell the ii sound.

Y I IE

r ightt ypel inedl ightningf iveinv itel ing

l y i n g o y l s g g g c u l y e i n g

rec icle

r e c y l e c r r e e r g r e c y c l e

dr ies

d y d i r e s e w p x e k t d r i e s r

k indest

k i d n e s t e n f c b k i n d e s t s

p ine

e n t e a p i p i n e n i u p i n e e n

w ires

z w i e e w i r e s g w m w r e e j f u

sp ice

g s p i i c e p j e s p i c e l b n i d

i

p w i s i i i u o v e n t r c i d i i l

b ible

b k i y b i b l e b b l e c i b d i r e

exc ite

r u i k s i i t e x c i t e x i e c q k

fr ies

f r e i s h r e j e e f r i e s k s i e

sl i

x y s l y s l i e u n s s w m a l g t p

sk ies

s o j y m x s g i s k y e s k s k i e s

fr i

z f o f r y r c y f f r i e a f w y r x

r ise

e d p r i s e q s g v z i h e r i s e d

iron

c o n v i i o p i o r n i r r r i r o n

gu is

i g u y s w v f p k s y y a z n q d g r

st ile

g w y l t q s t y l e s y t l e e l t t

tw ice

q t t w i c e s y e i d u g t w i c e f

The letter C can make a /k/ or /s/ sound.
 If the letter AFTER C is E, I, or Y, then the C sounds like /s/.
 Otherwise it sounds like /k/.

Note: Rule does not apply to CH.

coaxes

What is the letter after c in coaxes? o

The c in coaxes has what sound? /k/ /s/

capitol

What is the letter after c in capitol? _____

The c in capitol has what sound? /k/ /s/

consumed

What is the letter after c in consumed? _____

The c in consumed has what sound? /k/ /s/

cautioned

What is the letter after c in cautioned? _____

The c in cautioned has what sound? /k/ /s/

displaces

What is the letter after c in displaces? _____

The c in displaces has what sound? /k/ /s/

bucked

What is the letter after c in bucked? _____

The c in bucked has what sound? /k/ /s/

economy

What is the letter after c in economy? _____

The c in economy has what sound? /k/ /s/

displace

What is the letter after c in displace? _____

The c in displace has what sound? /k/ /s/

produced

What is the letter after c in produced? _____

The c in produced has what sound? /k/ /s/

appliance

What is the letter after c in appliance? _____

The c in appliance has what sound? /k/ /s/

decoding

What is the letter after c in decoding? _____

The c in decoding has what sound? /k/ /s/

groceries

What is the letter after c in groceries? _____

The c in groceries has what sound? /k/ /s/



How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.

Spin fidget spinner. Quick! Do as many as you can before it stops.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

At the local community center, they were having a chocolate festival. Emily, Sarah, and Amy went to the chocolate chip cooking room.

Emily was amazed. "Wow! Look at all those chocolate chips," she said.

"Take a number," said a lady to Emily.

"What for?" replied Emily.

"The number will tell you how much flour I give you. Then you can make as many cookies as you can with all the other ingredients at that other table," replied the lady.

Emily took a 6. She was given 6 cups of flour, and she was able to make 57 cookies.

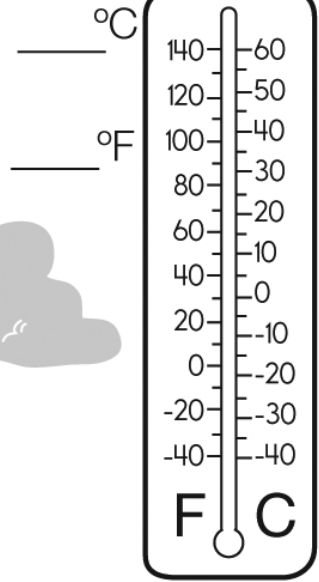
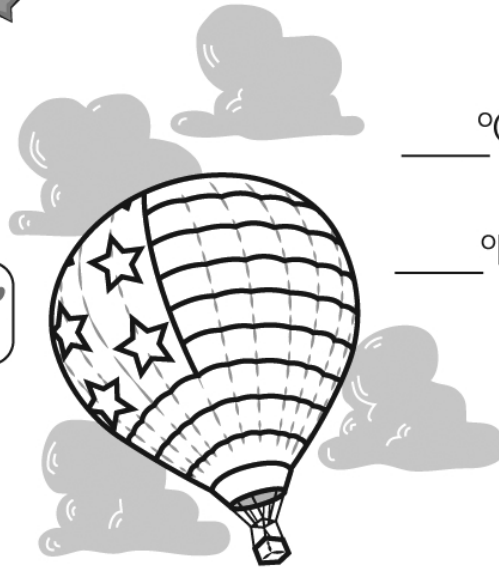
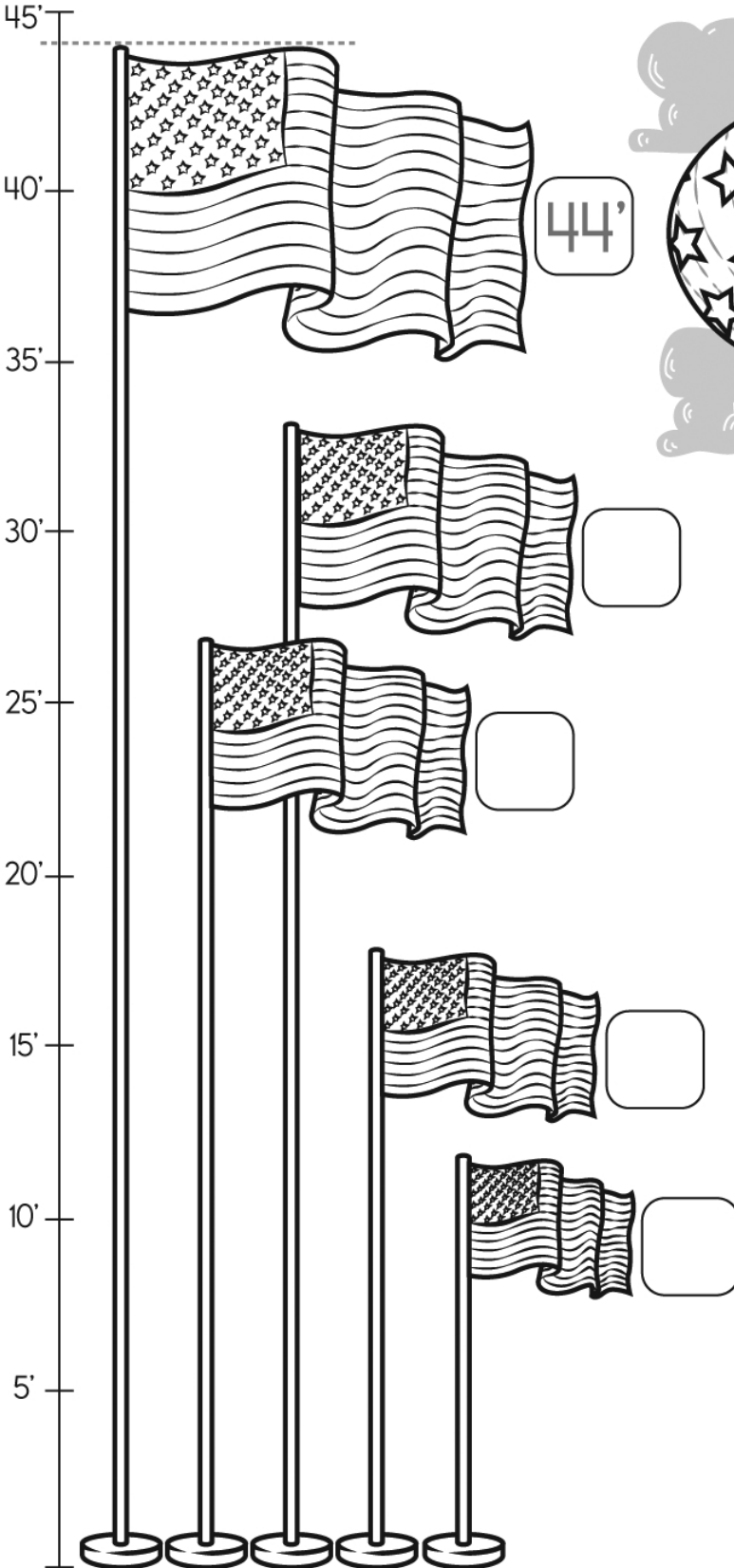
Sarah took a 1. "Aw. Only one cup of flour?" asked Sarah. Only 1 cup is what she got.

How many cookies do you think she could make?

Try drawing a picture of cups of flour and cookies. Maybe that will help!

Estimating

About how tall are the flags?



Take a guess.
What is the temperature
outside right
now?

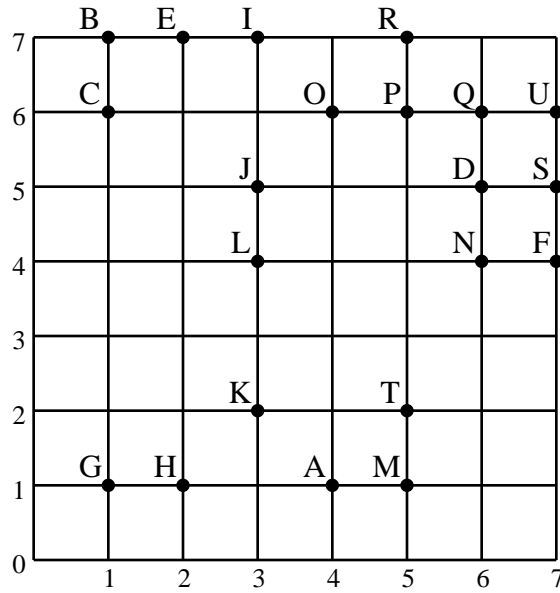
Skip

Counting

Fill in the missing
number for each row.

| | | | | |
|-----|-----|----|-----|-----|
| 5 | 10 | 15 | ★ | 25 |
| 4 | ★ | 12 | 16 | 20 |
| 10 | 20 | 30 | 40 | ★ |
| ★ | 6 | 8 | 10 | 12 |
| 6 | ★ | 12 | 15 | 18 |
| 300 | 400 | ★ | 600 | 700 |
| 40 | 60 | 80 | ★ | 120 |

Write a line segment that has the given distance (in units). If there is more than one answer then write only one line segment.



1 unit DS

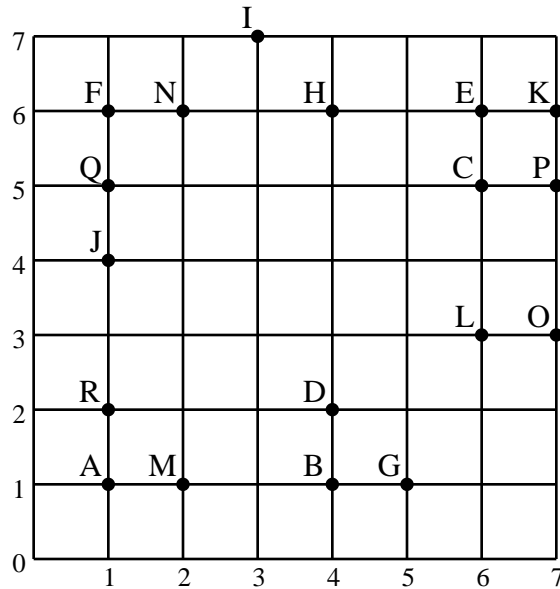
6 units _____

5 units _____

4 units _____

2 units _____

3 units _____



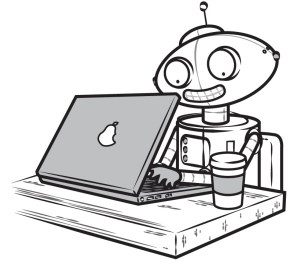
3 units FH

5 units _____

1 unit _____

Dr. Programmer is Counting Pens

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



(Don't tell anyone, but these are some of Dr. Programmer's secret commands!)



print This is the computer's pencil. It will be used to write something.

"Or" Questions:

red pens = 6
green pens = 4



print("There are ",red pens," red pens.")

The computer will print:

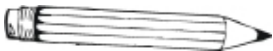
There are 6 red pens.

red pens = 6
green pens = 5



print("There are ",green pens," green pens.")

red pens = 9
green pens = 3



print("There are ",green pens," green pens.")

red pens = 9
 green pens = 4
 pens = red pens+green pens



print("There is a total of ",pens," pens.")

red pens = 7
 green pens = 5
 pens = red pens+green pens



print("There is a total of ",pens," pens.")

blue pens = 7
 pink pens = 5
 orange pens = 5



print("We have ",pink pens," pink pens.")

blue pens = 6
 pink pens = 5
 orange pens = 5



print("We have ",blue pens," blue pens.")

$$\begin{array}{r} 97 \\ - 24 \\ \hline \end{array}$$

Combine the words to make a compound word.

team + mate = _____

out + let = _____

$$43 + 95 = \underline{\hspace{2cm}}$$

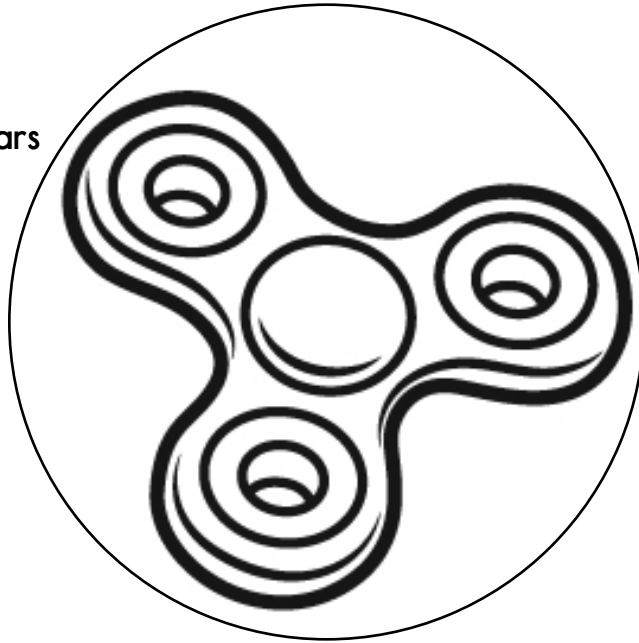


| | +10 | -10 | +9 | -9 | +12 | -12 | +8 |
|-----|-----|-----|----|----|-----|-----|----|
| 77 | | | | | | | |
| 21 | | | | | | | |
| 68 | | | | | | | |
| 34 | | | | | | | |
| 55 | | | | | | | |
| 689 | | | | | | | |
| 240 | | | | | | | |
| 532 | | | | | | | |
| 443 | | | | | | | |
| 756 | | | | | | | |

Directions:

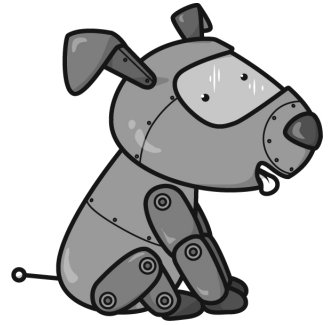
Use the rule that
1 human year = 7 dog years
to fill in the blanks.

| | | |
|----|----|----|
| 7 | 14 | 21 |
| 28 | 35 | 42 |
| 49 | 56 | 63 |
| 70 | 77 | 84 |



How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.



Spin fidget spinner. Quick! Do as many as you can before it stops.

| | | | |
|---|--|--|--|
| Human Years: <u>5</u> Dog's Age: <u>35</u> | Human Years: <u>4</u> Dog's Age: _____ | Human Years: <u>1</u> Dog's Age: _____ | Human Years: <u>3</u> Dog's Age: _____ |
| Human Years: <u>3</u> Dog's Age: _____ | Human Years: <u>6</u> Dog's Age: _____ | Human Years: <u>10</u> Dog's Age: _____ | Human Years: <u>11</u> Dog's Age: _____ |
| Human Years: <u>2</u> Dog's Age: _____ | Human Years: <u>11</u> Dog's Age: _____ | Human Years: <u>9</u> Dog's Age: _____ | Human Years: <u>7</u> Dog's Age: _____ |
| Human Years: _____ Dog's Age: <u>84</u> | Human Years: <u>8</u> Dog's Age: _____ | Human Years: _____ Dog's Age: <u>21</u> | Human Years: <u>2</u> Dog's Age: _____ |
| Human Years: _____ Dog's Age: <u>28</u> | Human Years: _____ Dog's Age: <u>49</u> | Human Years: _____ Dog's Age: <u>42</u> | Human Years: <u>9</u> Dog's Age: _____ |

| | | | |
|-----|----|----|-----|
| 19 | -8 | | -6 |
| | | | |
| | | | -4 |
| | | | |
| | | | +35 |
| -6 | | -7 | |
| | | | |
| -18 | | | |
| | | | |
| +3 | | +4 | |
| | | | +8 |

| | | | | |
|----|--|----|--|-----|
| -7 | | -5 | | +11 |
| | | | | |
| | | | | -9 |
| | | | | |
| | | | | +2 |
| | | | | |
| | | | | +2 |
| | | | | |
| | | | | -3 |
| | | | | 19 |
| | | | | -1 |
| | | | | |
| | | | | +6 |
| | | | | |
| | | | | +8 |
| | | | | |
| | | | | -5 |
| | | | | 9 |

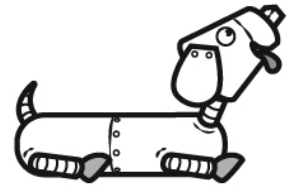
Count by 1.

9 _____ 15

11 is 2 more than _____ .

$$30 + 9 = \underline{\hspace{2cm}}$$

down



It is Simon.
Do you want
to code?

I t _ _ _ _

_____ . _____

Yippee! I
want to
code.

Y i p p e e ! _

This is the
code
dance.

T h i s _ _ _ _

_____ . _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

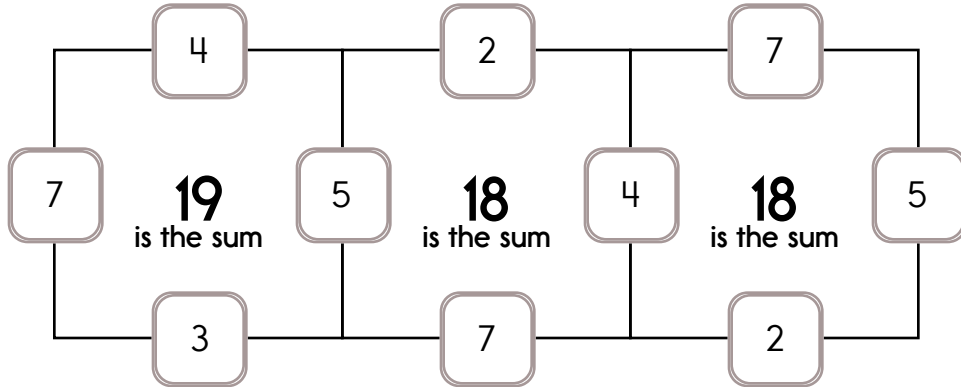
Example:

$$7 + 5 + 4 + 3 = 19$$

Example:

$$4 + 5 + 7 + 2 = 18$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3. The other three numbers have to all be DIFFERENT and can be from these numbers: 4, 5, 6, or 7.

