

Name: _____

Date: _____

A baker is planning on baking cookies. The recipe for one batch of cookies calls for:

$\frac{1}{4}$ cup of sugar,

$\frac{1}{12}$ cups of baking soda, and

$\frac{1}{2}$ cups of flour.

PART A

What is the total amount of dry ingredients for one batch of cookies, written as a fraction in simplest form?



Enter your answer in the space provided.

PART B

The baker has a total of $7\frac{1}{2}$ cups of the dry ingredients. How many batches of cookies can he make? Show your work or explain your answer.



Enter your answer and explanation in the space provided.

ANSWER KEY

Rubric Part A	
Score	Description
1	Student response includes the following component: <ul style="list-style-type: none"> • Computation component = 1 point <ul style="list-style-type: none"> ○ Correct answer, $\frac{5}{6}$ cups.
0	Student response is incorrect or irrelevant.
Rubric Part B	
Score	Description
2	Student response includes the following components: <ul style="list-style-type: none"> • Computation component = 1 point <ul style="list-style-type: none"> ○ Correct answer, 9 batches • Computation component = 1 point <ul style="list-style-type: none"> ○ The student shows work or properly explains how to find the correct answer. <p>Sample Student Response:</p> <p>“The baker would be able to make 9 batches of cookies. $7\frac{1}{2}$ is equal to $7\frac{3}{6}$. $7\frac{3}{6}$ can become $\frac{45}{6}$ as an improper fraction. $\frac{45}{6}$ divided by $\frac{5}{6}$ equals 9.”</p> <p>OR other valid explanation.</p>
1	Student response includes 1 of the above elements.
0	Student response is incorrect or irrelevant.

Glow	Grow