| Timed Extended Construction Response (ECR) Task—Grade 6 Februar |
|-----------------------------------------------------------------|
|-----------------------------------------------------------------|

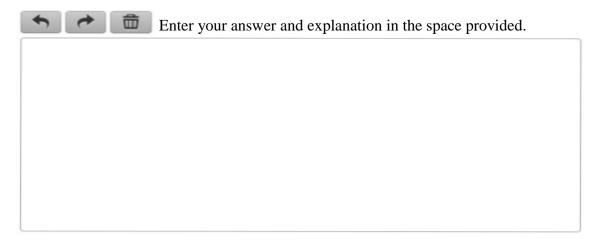
| Name: | _ |
|-------|---|
|-------|---|

Trucks are delivering gravel to a construction site.

- o Each truck holds 7.5 cubic yards of gravel.
- The weight of 1 cubic yard of gravel is 1.48 tons.
- The gravel will be placed in containers that each hold 3.7 tons of gravel.

PART A

How many tons of gravel will fit in one truck? Show your work or explain your answer.



PART B

How many containers are needed to hold all of the gravel from 1 truck? Show your work or explain your answer.

| Enter your answer and explanation in the space provided. |
|----------------------------------------------------------|
| |
| |
| |
| |
| |
| |

ANSWER KEY

| Rubric Part A | | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Score | Description | |
| 2 | Student response includes the following components: | |
| | Reasoning component = 1 point The student shows work or properly explains how to find the correct answer. Computation component = 1 point Correct answer, 7.5 x 1.48 = 11.1 tons | |
| 1 | Student response includes 1 of the above elements. | |
| 0 | Student response is incorrect or irrelevant. | |
| Rubric Part B | | |
| Score | Description | |
| 2 | Reasoning component = 1 point The student shows work or properly explains how to find the correct answer. Computation component = 1 point Correct answer, 3 containers. Sample Student Response: The total number of containers needed is 3. This was solved doing the computation 7.5 x 1.48 = 11.1. 11.1 ÷ 3.7 = 3." OR other valid explanation. | |
| 1 | Student response includes 1 of the above elements. | |
| 0 | Student response is incorrect or irrelevant. | |

| Glow | Grow |
|------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |