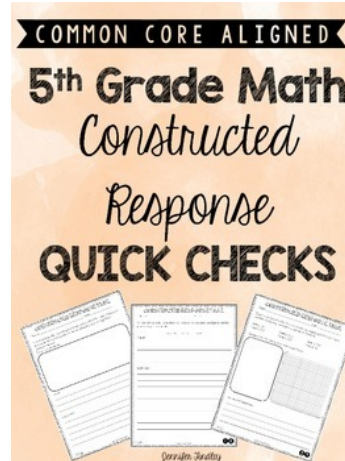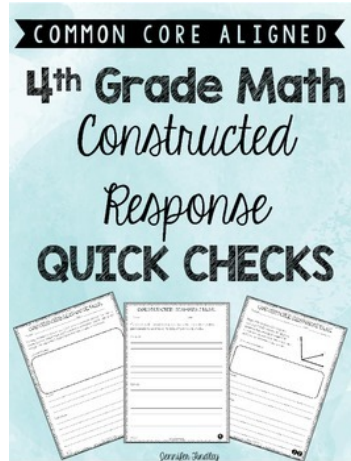# ABOUT THIS FREEBIE

This resource includes 6 constructed response math tasks or word problems: 3 from my 4th grade set and 3 from my 5th grade set. To see the full resources with over 30 tasks per grade level, click on the images below:

COMMON CORE ALIGNED
4th Grade Math *Constructed Response* **QUICK CHECKS**

Jennifer Findley

COMMON CORE ALIGNED
5th Grade Math *Constructed Response* **QUICK CHECKS**

Jennifer Findley

I refer to these as quick checks because they are one page with one problem per page. They are time efficient assessments that will quickly let you assess your students on a skill in a meaningful way that is aligned to state assessments.

Each tasks requires the student to show all of their work and provide a written explanation. Some of the tasks (depending on the standard) also require the students to support their answer with a model. Many of the problems are multi-step, depending on the standard.

Answer keys with answers and what should be included in the student work and explanation are included.

4TH GRADE MATH TASKS

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Each year, the owner of a company sends $25 gift cards to each employee for their birthdays. The company currently employs 18 part time employees and 68 full time employees. How much money will the owner spend this year on gift cards?

Show your work below:

Answer:

_____

_____

_____

Explanation:

_____

_____

_____

_____

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Each year, the owner of a company sends $25 gift cards to each employee for their birthdays. The company currently employs 18 part time employees and 68 full time employees. How much money will the owner spend this year on gift cards?

Show your work below:

18 part time + 68 full time = 86 total employees

86 employees x 25 per employee = $2150

Answer:

The company will spend $2,150 this year on gift cards.

Explanation:

I know my answer is correct because I added the two different types of employees to find the total number of employees. Then I multiplied 25 by the total number of employees to determine the total amount spent by the company.

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Jeremiah's mom is buying lollipops for treat bags for his birthday party. She wants each of the 36 guests to have 2 lollipops each. The lollipops come in packs of 8 each. How many packs of lollipops will she need to buy?

Show your work below:

Answer:

_____

_____

_____

Explanation:

_____

_____

_____

_____

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Jeremiah's mom is buying lollipops for treat bags for his birthday party. She wants each of the 36 guests to have 2 lollipops each. The lollipops come in packs of 8 each. How many packs of lollipops will she need to buy?

Show your work below:

36 x 2 = 72 total lollipops needed

72 ÷ 8 = 9 packs needed to have enough

Answer:

Jeremiah's mom will need to buy 9 packs of lollipops.

Explanation:

I know my answer is correct because I multiplied 36 by 2 to figure out how many lollipops I needed in all. Then I needed to figure out how many packs of 8 to buy so I divided 72 by 8.

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Mary Kate and her mother made their signature peppermint fudge for a local book club meeting. They brought 4 containers with ½ pound of fudge in each container. How much fudge did they bring to the meeting?

Show your work below:

Answer:

_____

_____

_____

Explanation:

_____

_____

_____

_____

4.NF.4

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Mary Kate and her mother made their signature peppermint fudge for a local book club meeting. They brought 4 containers with ½ pound of fudge in each container. How much fudge did they bring to the meeting?

Show your work below:

$4 \times ½ = 2$

Answer:

Mary Kate and her mother brought 2 pounds of fudge to the meeting.

Explanation:

I know my answer is correct because four groups of ½ is the same as

½ + ½ + ½ + ½ which equals 2.

5TH GRADE MATH TASKS

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Jessica solved the below problem twice. The first time she got an answer of 3, and the second time she got an answer of 48. Determine what Jessica did each time, and which answer is correct.

$$36 \div 3 \times (2 + 2)$$

Show your work below:

Answer:

_____

_____

_____

Explanation:

_____

_____

_____

_____

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Jessica solved the below problem twice. The first time she got an answer of 3, and the second time she got an answer of 48. Determine what Jessica did each time, and which answer is correct.

$$36 \div 3 \times (2 + 2)$$

Show your work below:

$36 \div 3 \times (2 + 2) = 48$

Answer:

The correct answer is 48.

Explanation:

When Jessica got an answer of 3, she did not follow the order of operations. She multiplied 3 x 4 before dividing. When she solved it the correct way, she completed the parentheses, then divided, then multiplied.

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Lorena's family went to the movie theater this past weekend. At the front entrance, they purchased 4 movie tickets for $6.75 each. At the snack bar, the family spent $16.56 on snacks. How much money did they have remaining in their movie budget money if their budget was $100?

Show your work below:

Answer:

_____

_____

_____

Explanation:

_____

_____

_____

_____

CONSTRUCTED RESPONSE TASK

Name: _____ Answer Key _____ Date: _____

Lorena's family went to the movie theater this past weekend. At the front entrance, they purchased 4 movie tickets for $6.75 each. At the snack bar, the family spent $16.56 on snacks. How much money did they have remaining in their movie budget money if their budget was $100?

Show your work below:

6.75 x 4 = 27

27 + 16.56 = 43.56

100 – 43.56 = 56.44

Answer:

The family had $56.44 remaining in their budget.

Explanation:

I multiplied 6.75 by 4 (or added 4 times). Then I added that amount (27) 16.56 to determine the total amount spent. Finally I subtracted that amount (43.56) from 100 to determine how much money was remaining.

5.NBT.7

CONSTRUCTED RESPONSE TASK

Name: _____ Date: _____

Maxwell needs to buy a box with a volume of at least 576 cubic inches.
Here are his choices:
Box A: length of 5 inches, width of 6 inches, and height of 10 inches.
Box B: length of 7 inches, width of 8 inches, and height of 12 inches.
Box C: length of 6 inches, width of 8 inches, and height of 24 inches.

Which box would be the best choice for Maxwell's needs?
Show your work below:

Answer:

_____

_____

_____

Explanation:

_____

_____

_____

_____

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CONSTRUCTED RESPONSE TASK

Name: _____ Answer Key _____ Date: _____

Maxwell needs to buy a box with a volume of at least 576 cubic inches.
Here are his choices:
Box A: length of 5 inches, width of 6 inches, and height of 10 inches.
Box B: length of 7 inches, width of 8 inches, and height of 12 inches.
Box C: length of 6 inches, width of 8 inches, and height of 24 inches.

Which box would be the best choice for Maxwell's needs?
Show your work below:

Box A:	Box B:	Box C:
5 x 6 x 10	7 x 8 x 12	6 x 8 x 24

Answer:

The best choice for Maxwell is box B.

Explanation:

I chose box B because it has a volume of 672 cubic inches. Box A was too small with a volume of 300 cubic inches. Box C is much too large for his needs with a volume of 1,152 cubic inches.

5.MD.5b

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Thanks!
Jennifer Findley