Training Header Sheet with Change Log Form

Kentucky Math Operational

Grade 5/Math
3 Times the Sum of 5 and 8
MA0520109

Practice Sets

Date	Comments	Version
2.2022	Initial Operational Training Set	Set A

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.
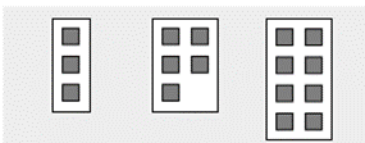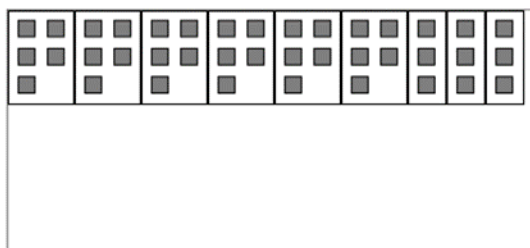
Enter your expression and your explanation in the space provided.

$$3 \times (5 + 8) = 39$$

there are 39 blocks in our model

Part A

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3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$(5 + 8) \times 3$

First I added the sum of 5 and 8 and got the sum of 13. Then I took the sum of 5 and 8 which got the sum of 13 and multiplied it by 3 and got the product of 39.

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$5 \times 8 = 40 \times 3 = 120$

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.
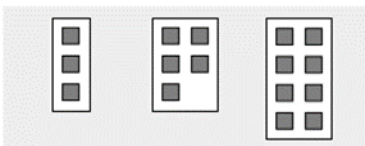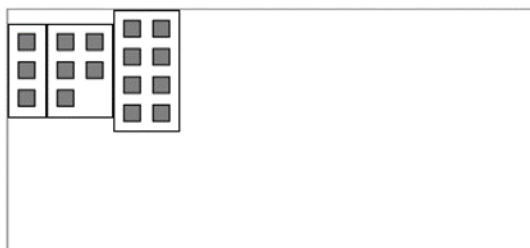
Enter your expression and your explanation in the space provided.

$$3 \times (5 + 8)$$

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$(3x) + (5\&8)$

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

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3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

In the model above i added three eights and three fives to equal thirty-nine which is the sum of five plus eight three times

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$(8) + 5 = 13) \times 3 = 39$

The equation above gives a sum of 39 because eight plus five equals 13, then the equation mulitplies the sum of thirteen by 3 making your answer 39.

On the model there is a series of repeated addition so since five plus eight equals 13 the addens were written three times to show that $8 + 5$ written 3 times equals 39.

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$5 + 8 = 13$

$13 \times 3 = 39$

Thus, the answer is thirty-nine

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

3×13. $8 + 5 = 13$. I have 3 groups of five and 3 groups of eight (3×13)

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$(5+8)+(5+8)+(5+8)$

Because they both show 5 and 8 being added 3 times

Part A

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Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.
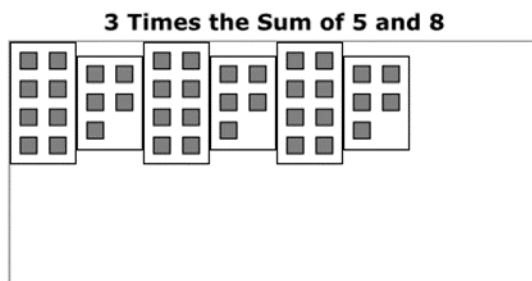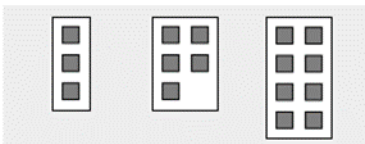
the sum of 8 and 5 multiplied by 3

$(8 + 5)\ 3 \times \square$

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$(5 + 8) \times 3 = 39.$ It compairs with the model because there were three of the eight squares and three of the five squares. When you add them up you will still get thirty-nine.

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$3 \times 5 + 8.$ *The* expression compares to the model I made in part A because it said $3 \times the$ sum of 5 and 8 so I put 5 squares inside the rectangle along with 8 squares put two more sets of 5 and 8 to represent the $3 \times 5 + 8$ and sence $5 + 8$ equals 13 I did $13 \times 3 = 39.$ So the answer is 39.(P.S i wasn't sure how th do it.)

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$$(3 \times 5) + (3 \times 8) = 39$$

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$8 + 5 + 5 + 8 + 8 + 5 = 39$ wich is also equilalent to $(8 + 5) \times 3$

$8 + 5 = 13$ and 13×3 is 39 so $8 \times 3 = 24$

and $5 \times 3 = 15$

39

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$3 \times 13 = 13 \times 3$

$13 \times 3 = 13 + 13 + 13 = 39$

$13 \times 3 = 39$

$5 + 8 = 13$

well i know if you do a model wich shows 3 times the sum of 8 plus 5 well i knew 5 plus 8 is 13 so then i did 3 times 13 then i turned it to 13 times 3 wich then i did a model again wich is 13 dots in a circle 3 times wich gave me 39 wich then i knew that was my answer.

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$3 \times 5 \times 8 = 16$

Because 3×5 is 8 and we $\square \times another$ 8 and that will equal to 16.

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$5 + 8 \times 3 = 39$

so I first added up the 5 plus 8 and then multiplyed it by 3

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

I did $5 + 8 = 13$ then I did 13×3 which gave me 39. so in the model i did 5×6 or 10×3. Then i did 3×3. $10 \times 3 = 30$ and $3 \times 3 = 9$ and I added them up and got 39.

Part A

Create a model that can be used to represent the value of 3 times the sum of 5 and 8.

Drag and drop the appropriate number of groupings into the box to create your model. Each grouping may be used once, more than once, or not at all.

3 Times the Sum of 5 and 8

Part B

Write an expression that can be used to represent "3 times the sum of 5 and 8." Explain how your expression compares to the model you created in Part A.

Enter your expression and your explanation in the space provided.

$3 \times (5 + 8)$

the anwser whould be 39