

05.01.21

Maths

Can I use stem sentences to explain my problem solving and reasoning methods?

I checked by...

I started by...

I already know that...

I noticed that...

Which answer could be the odd one out?
What makes it the odd one out?

$$3 + 0 = \underline{\quad}$$

$$3 - 0 = \underline{\quad}$$

$$3 \times 0 = \underline{\quad}$$

Explain why the answer is different.

Circle the incorrect calculations and write them correctly.

$$5 \times 0 = 50$$

$$19 \times 1 = 19$$

$$7 \times 0 = 7$$

$$1 \times 1 = 2$$

$$0 \times 35 = 0$$

$$0 \times 0 = 1$$

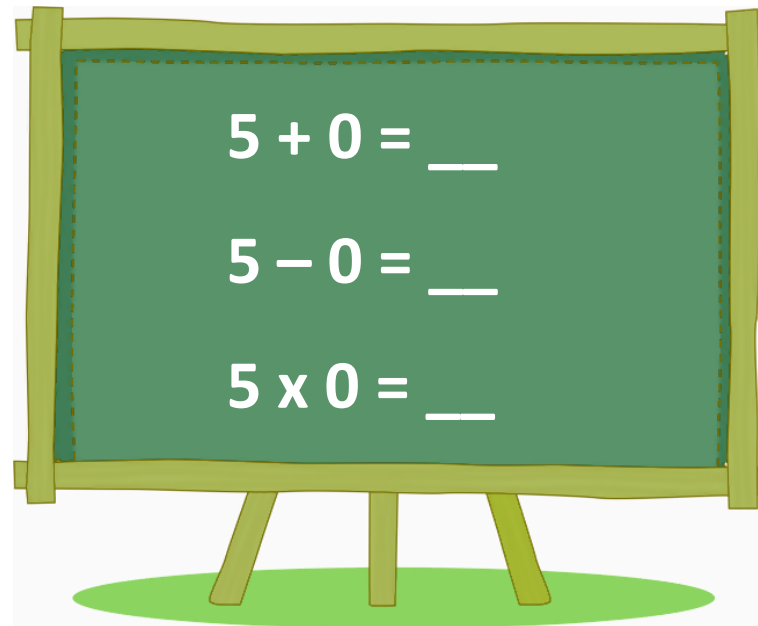
$$1 \times 8 = 9$$

Choose one calculation and create a drawing to show it.

Reasoning 1

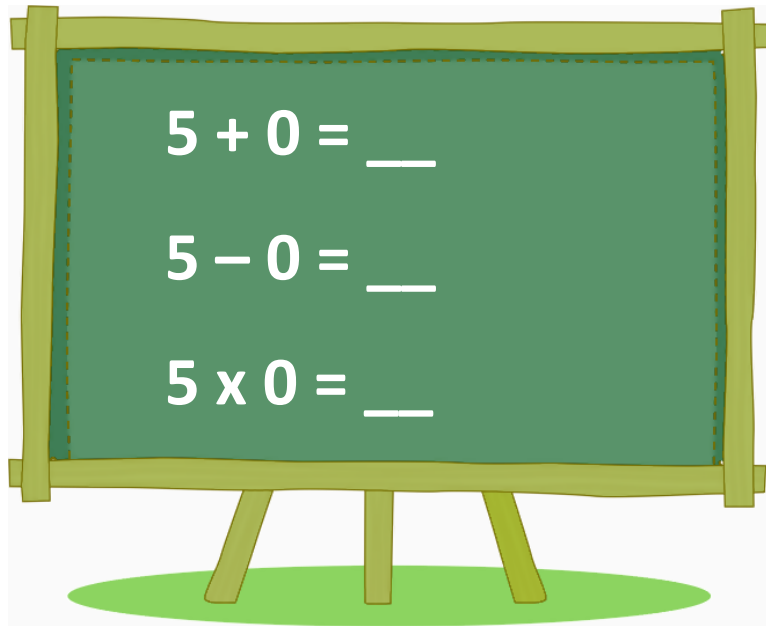
Multiply by 1 and 0

Which answer could be the odd one out?
What makes it the odd one out?



Explain why the answer is different.

Which answer could be the odd one out?
What makes it the odd one out?



Explain why the answer is different.

5 x 0 = 0 is the odd one out because it is the only one with 0 as an answer.

The addition and subtraction calculations have an answer of 5 because they started with that amount and added or subtracted 0 (nothing).

5 x 0 means “5 lots of nothing”, so the total is zero.

Reasoning 2

Multiply by 1 and 0

Circle the incorrect calculations and write them correctly.

$$8 \times 0 = 80$$

$$15 \times 1 = 15$$

$$6 \times 0 = 60$$

$$1 \times 1 = 2$$

$$1 \times 7 = 8$$

$$0 \times 0 = 1$$

$$0 \times 42 = 0$$

Choose one calculation and create a drawing to show it.

Reasoning 2

Multiply by 1 and 0

Circle the incorrect calculations and write them correctly.

$$8 \times 0 = 80$$

$$15 \times 1 = 15$$

$$6 \times 0 = 60$$

$$1 \times 1 = 2$$

$$1 \times 7 = 8$$

$$0 \times 0 = 1$$

$$0 \times 42 = 0$$

Corrected
calculations:

$$8 \times 0 = 0$$

$$6 \times 0 = 0$$

$$1 \times 1 = 1$$

$$1 \times 7 = 7$$

$$0 \times 0 = 0$$

Choose one calculation and create a drawing to show it.

Multiply by 1 and 0 ☆☆☆ Reasoning & Problem Solving 4

Which answer is the odd one out?

$8 \times 1 = \underline{\quad}$

$8 \times 0 = \underline{\quad}$

$8 - 0 = \underline{\quad}$

Explain why the answer is different.

Circle the incorrect calculations and write them correctly.
Explain the mistake that was made.

$7 \times 0 = 70$ $5 \times 0 = 5$

$12 \times 1 = 12$ $1 \times 3 = 4$

$0 \times 24 = 24$ $0 \times 0 = 1$

$1 \times 1 = 1$

Choose one calculation and create a drawing to show it.

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1. Odd one out? Explain your reasoning.
2. Which calculations are incorrect. Explain the mistakes and correct them.