

Equivalent fractions

27/01/2025: Equivalent fractions, 5 minutes quiz, 10 minutes unit test, multiplication problems, property of multiplication, 5 minutes quiz, multiply by tens, 5 minutes quiz, 10 minutes unit test, 2 step word problem, 5 minutes quiz, mathematical patterns, patterns with even and odd numbers

<p>Which of the following fractions are equivalent to $\frac{3}{6}$?</p> <p>Choose 2 answers:</p> <div><input checked="" type="checkbox"/> CORRECT (SELECTED) $\frac{1}{2}$</div> <div><input type="checkbox"/> $\frac{5}{8}$</div> <div><input checked="" type="checkbox"/> CORRECT (SELECTED) $\frac{4}{8}$</div>	<p>Below, what number can replace m?</p> $\frac{m}{8} = \frac{1}{2}$ <p>$m =$ <input type="text" value="4"/></p>
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Unit 7: Multiplication and division word problems (up to 100)

George makes scrambled eggs for the family's breakfast. There are 4 people in your family, and each person can eat 2 eggs.

How many eggs should George cook in total?

eggs.

A frog must jump 21 feet to reach his favorite pond. Each jump covers 3 feet.

How many times must the frog jump to reach the pond?

times

Understand the associative property of multiplication

Which two expressions are equivalent to $(9 \times 3) \times 3$?

Choose 2 answers:



CORRECT (SELECTED)

$$9 \times (3 \times 3)$$



$$27 + 3$$



CORRECT (SELECTED)

$$9 \times 9$$

Word problems involving multiplication by tens

Part of the castle needs repairs. It needs to be rebuilt. 8 walls and are needed 60 bricks for each wall.

How many bricks are needed in total?

480 bricks.

A group of volunteers is planting trees in 5 different parks. They planted 90 trees in every park.

How many trees did the group plant in total?

450 trees

Represent 2-step problems with equations

When I started my rock collection, I had 8. During the summer I collected 48 rocks more. At the end of the summer, I gave my friends 29 of my favorite rocks, but I still have a few left.

What equation could you use to find out how many rocks (r) do I have left?

Choose 1 answer:



CORRECT (SELECTED)

$$8 + 48 - 29 = r$$

I had 33 photos from summer camp. I gave him 3 photos to friends and I plan to split the rest of the photos evenly between 5 pages of an album.

Which equation can I use to determine how many photos (p) will be on each page?

Choose 1 answer:



$$(33 + 5) \div 3 = p$$



CORRECT (SELECTED)

$$(33 - 3) \div 5 = p$$

2-step word problems

The ice cream shop cash register started the day with \$120. During the day, they were obtained \$56 for ice cream sales. The manager also paid for a delivery with money from the cash register. At the end of the day, the cash register had \$141.

How much did delivery cost?

\$

Mabel had a birthday party at the skating rink. The cost of renting the venue was \$75. The cost of the ticket for each of the 6 people who went to the party was \$8.

What was the total cost of the party?

\$

Mathematical patterns

4	28
5	35
6	42

Which rule describes the pattern that shows the cups of sugar used?

Choose 1 answer:

☐ Addition 1

☐ Addition 6

☒ CORRECT (SELECTED)
Addition 7

Which rule describes the pattern shown?

4, 24, 44, 64

Choose 1 answer:

☐ Start with 4 and multiply by 4 every time

☐ Start with 4 and multiply by 6 every time

☒ CORRECT (SELECTED)
Start with 4 and sum 20 every time



Patterns with even and odd

Which of the following sums result in an odd number?

Choose 2 answers:

☒ CORRECT (SELECTED)
 $3 + 8$

☐ Odd number + odd number

☒ CORRECT (SELECTED)
 + 

Which of the following options result in an even product?

Choose 2 answers:

☒ CORRECT (SELECTED)
Even number \times even number

☐ 5 fives

☒ CORRECT (SELECTED)
 4×3

