

#1

Choose the best answer

Benjamin can run at a speed of 15. A car travels x times faster than Benjamin. Choose the expression that would tell us how fast the car is going.

- $x \div 15$ $15 \times x$
 $15 \div x$ $15 + x$

Show your work

#2

Choose the best answer

Joshua has eaten 20 hot dogs, and his sister ate x less hot dogs. Choose the expression that shows how many hot dogs his sister ate.

- $20 - x$ 20
 $x - 20$ $x + 20$

Show your work

#3

Choose the best answer

If Savannah is throwing a party but only has 18 rooms in her house and each room can only fit x people. What expression should Savannah use to find out how many people she can invite?

- $x \div 18$ $18 + x$
 $18 \div x$ $18 \times x$

Show your work

#4

Choose the best answer

Samantha is counting how many different chords are in two different songs by the same band. The first song has 10 less chords than the second song, which has x different chords. Choose the expression that shows how many chords are used in the first song.

- $10 - x$ $x + 10$
 10 $x - 10$

Show your work

#5

Choose the best answer

Choose the expression that shows how many llamas are in pen B if there are 14 llamas in pen A and x times less in pen B.

- $14 \div x$ $14 \times x$
 $14 - x$ $x \div 14$

Show your work

#6

Choose the best answer

Maya has 18 song birds in her backyard before she installs a bird feeder, then there are x times more birds. Choose the expression that shows how many birds are in the backyard now.

- $x + 18$ $18 \div x$
 $x \times 18$ $x \div 18$

Show your work

#7

Choose the best answer

On the last math quiz Aiden got 11 marks less than the top student. If the top student got x marks, choose the expression that shows how Aiden did on the quiz.

- $x + 11$ 11
 $x - 11$ $11 - x$

Show your work

#8

Choose the best answer

Folk singer Bobby McGee released the two albums Backyard Farmhouse and Duckling Uprise. Backyard Farmhouse had 10 tracks, while Duckling Uprise had x less songs than Backyard Farmhouse. Choose the expression that shows how many songs were on Duckling Uprise.

- $x + 10$ $10 - x$
 10 $x - 10$

Show your work

#9

Choose the best answer

While at a tournament Anthony saw x blue shirts and 15 times less purple shirts. Choose the expression to show how many purple shirts were at the tournament.

- $x - 15$ $x \times 15$
 $15 \div x$ $x \div 15$

Show your work

#10

Choose the best answer

William is always in a competition with his sister on who has the most bracelets. William has 13 bracelets, but his sister has x more bracelets than him. Choose the expression that shows how many bracelets William's sister has.

$13 + x$

13

$13 - x$

$x - 13$

Show your work

#11

Choose the best answer

Battery life is super important. Abigail's new phone has x hours of battery, and her old phone has 4 hours less than that of battery time. Choose the expression that shows the battery life of Abigail's old phone.

$4 - x$

4

$x - 4$

$x + 4$

Show your work

#12

Choose the best answer

There are x times more rabbits in the summer than there are in the spring. If there are 12 rabbits in the spring, choose the expression that shows how many there are in the summer.

$x \div 12$

$x + 12$

$x \times 12$

$12 \div x$

Show your work

| Question | Answer |
|----------|----------|
| #1 | choice 2 |
| #2 | choice 1 |
| #3 | choice 4 |
| #4 | choice 4 |
| #5 | choice 1 |
| #6 | choice 3 |
| #7 | choice 3 |
| #8 | choice 2 |
| #9 | choice 4 |
| #10 | choice 1 |
| #11 | choice 3 |
| #12 | choice 3 |