

#1

## Choose the best answer

Nathan is competing with Alyssa with who can collect the most marbles. Alyssa has 17 marbles.

What expression should Nathan use to decide how many marbles they must collect if they wish to have  $x$  times more marbles than Alyssa?

- $x \div 17$                         $17 + x$
- $17 \times x$                         $17 \div x$

Show your work

#2

## Choose the best answer

Gift wrappers tend to have competitions on who can wrap more presents in a day. If Ashley wrapped 3 less presents than Samantha, who wrapped  $x$  presents, choose the expression that shows how many presents Ashley wrapped.

- $x - 3$                         $x + 3$
- $3 - x$                         $3$

Show your work

#3

## Choose the best answer

If a certain breed of centipede has 14 legs, and a larger breed has  $x$  more legs, choose the expression that shows how many legs the larger breed of centipede has.

- $14$                         $14 + x$
- $14 - x$                         $x - 14$

Show your work

#4

## Choose the best answer

There were  $x$  kids at the park at noon and by 3pm there were 19 times more kids. Choose the expression that will calculate how many kids are at the park at 3pm.

$x + 19$

$x \times 19$

$x \div 19$

$19 \div x$

Show your work

#5

## Choose the best answer

While planning a camping trip Benjamin finds out the Small Lake is  $x$  times smaller than Big Lake which is 2 km wide. Choose the expression that will tell us how big Small Lake is.

$x \div 2$

$2 - x$

$2 \div x$

$2 \times x$

Show your work

#6

## Choose the best answer

While planning a camping trip Aiden finds out the Small Lake is  $x$  times smaller than Big Lake which is 16 km wide. Choose the expression that will tell us how big Small Lake is.

$16 - x$

$x \div 16$

$16 \times x$

$16 \div x$

Show your work

#7

## Choose the best answer

There are  $x$  chickadees on the bird feeding, and 16 times less finches on the feeder. Choose the expression that will tell us how many finches are on the feeder.

- $x \div 16$                         $x \times 16$   
  $16 \div x$                         $x - 16$

Show your work

#8

## Choose the best answer

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

- 4                                        $x - 4$   
  $4 - x$                                 $x + 4$

Show your work

#9

## Choose the best answer

Dahlia has 11 puppies. Hannah has  $x$  times more puppies than Dahlia. Which expression tells us how many puppies Hannah has?

- $11 \times x$                                 $x \div 11$   
  $11 + x$                                 $11 \div x$

Show your work

#10

## Choose the best answer

It is cool to cover your notebook in stickers at Tyler's school. He has 9 stickers, but his nemesis Chloe brags that he has  $x$  more stickers than Tyler. Choose the expression that shows how many stickers Chloe has.

$x - 9$

$x + 9$

$9 - x$

$9$

Show your work

#11

## Choose the best answer

There are 19 boys in the class, and  $x$  less girls than boys. Choose the expression that shows how many girls are in the class.

$x - 19$

$19 - x$

$x + 19$

$19$

Show your work

#12

## Choose the best answer

There are  $x$  clouds in the east and 11 times less clouds in the west. Choose the expression that will show how many clouds are in the west.

$11 \div x$

$x \div 11$

$x \times 11$

$x - 11$

Show your work

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