

#1

Choose the best answer

Dahlia is having a disco party in her attic! At the beginning of the party there are 16 people, but a few hours later there is a total of 26 people.

Choose the equation that shows this.

- $16 + 26 = x$ $x \times 26 = 16$
 $26 \times 16 = x$ $16 + x = 26$

Show your work

#2

Choose the best answer

There are 30 ghosts in the attic, but 19 decide to move out to the basement. How many ghosts are left in the attic?

- $30 - 19 = x$ $x \div 19 = 30$
 $x - 19 = 30$ $30 \div 19 = x$

Show your work

#3

Choose the best answer

Mackenzie has 162 total ice cubes in her iced tea. If 18 melt every hour, how many hours until there are no ice cubes?

Choose the correct equation.

- $18 \div x = 162$ $162 \times 18 = x$
 $162 \div 18 = x$ $x \times 162 = 18$

Show your work

#4

Choose the best answer

Zoe is compiling an album. She has 18 songs in total but ends up leaving 7 songs off. Which equation will tell us how many songs are on the album?

- $x \div 7 = 18$ $18 - 7 = x$
- $18 \div 7 = x$ $x - 7 = 18$

Show your work

#5

Choose the best answer

There are 8 total chairs at a restaurant. By 6pm 6 of those chairs are filled with customers. Choose the equation to calculate how many chairs are still available.

- $x - 6 = 8$ $8 \div 6 = x$
- $8 - 6 = x$ $x \div 6 = 8$

Show your work

#6

Choose the best answer

Nick has 27 flowers. He is given 13 more. Choose the equation to find out how many flowers he has now.

- $27 \times 13 = x$ $x \times 27 = 13$
- $27 + 13 = x$ $x + 27 = 13$

Show your work

#7

Choose the best answer

Dahlia bought 7 boxes of donuts. There were 7 donuts in each box. Which equation, when solved, will tell how many donuts Dahlia bought?

$7 \times 7 = x$

$7 \times x = 7$

$x \times 7 = 7$

$7 + 7 = x$

Show your work

#8

Choose the best answer

There are 2 bananacats in the attic having a party. If several more show up and there now 21, choose the equation that will tell us how many bananacats are at the party.

$x \times 21 = 2$

$2 + x = 21$

$2 + 21 = x$

$21 \times 2 = x$

Show your work

#9

Choose the best answer

DJ Gloop is an alien DJ who is trying to make a song humans will like. His song has a total of 170 beats, and where he lives a minute is actually 17 seconds long. Calculate the average beats per alien minute for DJ Gloop's song so that he can see if humans will find it appealing. Choose the correct equation.

$170 \div 17 = x$

$17 \div x = 170$

$x - 170 = 17$

$170 + 17 = x$

Show your work

#10

Choose the best answer

Jackson is having a disco party in his attic! At the beginning of the party there are 15 people, but a few hours later there is a total of 22 people.

Choose the equation that shows this.

- $x \times 22 = 15$ $22 \times 15 = x$
- $15 + x = 22$ $15 + 22 = x$

Show your work

#11

Choose the best answer

In a sloth sanctuary there are 40 sloths and they hang out in groups of 5 per tree.

Which equation will tell us how many trees have sloths in them?

- $5 \div 40 = x$ $x \times 40 = 5$
- $40 \times 5 = x$ $40 \div 5 = x$

Show your work

#12

Choose the best answer

There are 14 ghosts in the attic, but 8 decide to move out to the basement.

How many ghosts are left in the attic?

- $x \div 8 = 14$ $x - 8 = 14$
- $14 - 8 = x$ $14 \div 8 = x$

Show your work

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