

#1

Choose the best answer

There are 21 total chairs at a restaurant. By 6pm 8 of those chairs are filled with customers. Choose the equation to calculate how many chairs are still available.

- $x \div 8 = 21$ $x - 8 = 21$
 $21 - 8 = x$ $21 \div 8 = x$

Show your work

#2

Choose the best answer

There are 17 bananacats in the attic having a party. If several more show up and there now 23, choose the equation that will tell us how many bananacats are at the party.

- $x \times 23 = 17$ $23 \times 17 = x$
 $17 + x = 23$ $17 + 23 = x$

Show your work

#3

Choose the best answer

Ella is tired and drinks 75 cups of coffee consistently over 15 hours. Which equation will tell us how many cups of coffee per hour Ella drank?

- $75 \div 15 = x$ $15 \div 75 = x$
 $x \times 75 = 15$ $75 \times 15 = x$

Show your work

#4

Choose the best answer

Caden is writing an essay and has already completed 17 pages. If he then writes 11 pages, choose the equation that shows the current length of the essay.

- $17 - 11 = x$ $11 + x = 17$
- $x \times 17 = 11$ $17 + 11 = x$

Show your work

#5

Choose the best answer

A toy store has 63 hula hoops. When the store employees hang the same number of hula hoops on each rack, there are 7 hula hoops per rack. Which equation, when solved, will tell the number of racks?

- $7 \div 63 = x$ $63 \times 7 = x$
- $x \times 63 = 7$ $63 \div 7 = x$

Show your work

#6

Choose the best answer

Kaitlyn has a lot of art supplies and wants to organize them into 8 pencil boxes. There are 48 markers in total and Kaitlyn puts the same number in each box. Choose the equation that represents the total number of markers.

- $x + 48 = 8$ $8 \times x = 48$
- $x \div 8 = 48$ $8 \times 48 = x$

Show your work

#7

Choose the best answer

Isabelle has 16 flowers. She is given 12 more. Choose the equation to find out how many flowers she has now.

- $x \times 16 = 12$ $x + 16 = 12$
 $16 \times 12 = x$ $16 + 12 = x$

Show your work

#8

Choose the best answer

There are 108 space monkeys on a particular space station. There are 18 different rooms on the space station, and each room contains the same number of monkeys. Choose the equation that represents the total number of space monkeys.

- $x \times 108 = 18$ $108 \times x = 18$
 $x \div 18 = 108$ $18 \times x = 108$

Show your work

#9

Choose the best answer

Emma can eat an entire bag of 35 chocolate covered peanuts in 7 mouthfuls. If each handful is the same size, choose the equation that will tell us how many peanuts are in each mouthful.

- $35 \times 7 = x$ $7 \div x = 35$
 $x \times 35 = 7$ $35 \div 7 = x$

Show your work

#10

Choose the best answer

Jack bought 9 boxes of donuts.
There were 5 donuts in each box.
Which equation, when solved, will
tell how many donuts Jack bought?

- $x \times 5 = 9$ $9 + 5 = x$
 $9 \times 5 = x$ $9 \times x = 5$

Show your work

#11

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

#12

Choose the best answer

Last week Gabriel looked at the apple tree and
there were 11 apples. This week there are 13
apples. Which equation solves to tell us how
many new apples there are on the tree?

- $11 + x = 13$ $x \times 13 = 11$
 $11 + 13 = x$ $13 \times 11 = x$

Show your work

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