

#1

## Choose the best answer

A toy store has 10 hula hoops. When the store employees hang the same number of hula hoops on each rack, there are 2 hula hoops per rack. Which equation, when solved, will tell the number of racks?

- $10 \times 2 = x$                         $10 \div 2 = x$   
  $2 \div 10 = x$                         $x \times 10 = 2$

Show your work

#2

## Choose the best answer

There are 24 pairs of shoes in total that need to be organized into shelves. If there are 4 shelves and the same number of shoes on each shelf, which equation represents the total number of shoes?

- $x + 24 = 4$                         $4 \times 24 = x$   
  $x \div 4 = 24$                         $4 \times x = 24$

Show your work

#3

## Choose the best answer

Madeline made won ton soup and is dishing it out into 12 bowls. If Madeline puts 5 won tons in each bowl, then how many won tons are there?

- $12 + 5 = x$                         $12 \times x = 5$   
  $12 \times 5 = x$                         $x \times 5 = 12$

Show your work

#4

## Choose the best answer

There are 91 space monkeys on a particular space station. There are 13 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.

- $x \times 91 = 13$                         $91 \times x = 13$
- $13 \times x = 91$                         $x \div 13 = 91$

Show your work

#5

## Choose the best answer

At the start of snack time there were 17 cupcakes, and 3 left over afterward. Which equation will tell us how many cupcakes were eaten?

- $x \div 3 = 17$                         $17 - 3 = x$
- $17 \div 3 = x$                         $x - 3 = 17$

Show your work

#6

## Choose the best answer

A surgeon has 75 donated organs to put away into 15 fridges. How many organs should go into each fridge? Choose the correct equation.

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

Show your work

#7

## Choose the best answer

A toy store has 30 hula hoops. When the store employees hang the same number of hula hoops on each rack, there are 5 hula hoops per rack. Which equation, when solved, will tell the number of racks?

- $30 \div 5 = x$                         $5 \div 30 = x$   
  $30 \times 5 = x$                         $x \times 30 = 5$

Show your work

#8

## Choose the best answer

A dog has 25 puppies in total, and 6 are given to new homes. How many puppies from that litter stayed with the mother? Choose the equation that solves for the answer.

- $25 \div 6 = x$                         $x - 6 = 25$   
  $25 - 6 = x$                         $x \div 6 = 25$

Show your work

#9

## Choose the best answer

Logan is having a disco party in his attic! At the beginning of the party there are 12 people, but a few hours later there is a total of 32 people. Choose the equation that shows this.

- $x \times 32 = 12$                         $32 \times 12 = x$   
  $12 + 32 = x$                         $12 + x = 32$

Show your work

#10

## Choose the best answer

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

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

Show your work

#11

## Choose the best answer

The water is being turned off and so Elizabeth is filling up her bathtubs with water as a reserve. If she has 11 bathtubs, and each can store 10 liters of water, choose the equation that will tell us how much water there is.

- $11 \times x = 10$                         $11 \times 10 = x$
- $x \div 10 = 11$                         $11 + 10 = x$

Show your work

#12

## Choose the best answer

There are 2 bananacats in the attic having a party. If several more show up and there now 13, choose the equation that will tell us how many bananacats are at the party.

- $2 + x = 13$                         $x \times 13 = 2$
- $13 \times 2 = x$                         $2 + 13 = x$

Show your work

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