Choose the best answer

Dahlia can eat an entire bag of 162 chocolate covered peanuts in 18 mouthfuls. If each handful is the same size, choose the equation that will tell us how many peanuts are in each mouthful.

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

Show your work

Choose the best answer

A surgeon has 140 donated organs to put away into 14 fridges. How many organs should go into each fridge? Choose the correct equation.

- ○ $140 \div 14 = x$
- ○ $140 \times 14 = x$
- ○ $x \times 140 = 14$
- ○ $14 \div 140 = x$

Show your work

Choose the best answer

Ethan collected 25 seashells on the beach. Then, some of the shells got caught in a wave and washed back out to sea. He has 5 seashells left. Which equation, when solved, will show how many seashells washed out to sea?

- ○ $x \div 5 = 25$
- ○ $x - 5 = 25$
- ○ $25 - 5 = x$
- ○ $25 \div 5 = x$

Show your work

#4

Choose the best answer

During a wagon race there were 80 horses in total, and 16 wagons. Each wagon had the same number of horses. Choose the equation that represents the total number of horses.

○ $16 + 80 = x$ ○ $x - 16 = 80$

○ $16 \times x = 80$ ○ $16 \div x = 80$

Show your work

#5

Choose the best answer

Last week Elizabeth looked at the apple tree and there were 13 apples. This week there are 33 apples. Which equation solves to tell us how many new apples there are on the tree?

○ $x \times 33 = 13$ ○ $13 + x = 33$

○ $33 \times 13 = x$ ○ $13 + 33 = x$

Show your work

#6

Choose the best answer

There are 6 monkeys per species in a small forest. If each species is distributed equally, and there are 14 species, how many monkeys are there? Choose the equation that will give us the solution.

○ $x \times 6 = 14$ ○ $14 + 6 = x$

○ $14 \times 6 = x$ ○ $14 \times x = 6$

Show your work

#7

Choose the best answer

Jacob has 13 flowers. He is given 10 more. Choose the equation to find out how many flowers he has now.

○ $13 \times 10 = x$ ○ $x \times 13 = 10$

○ $x + 13 = 10$ ○ $13 + 10 = x$

Show your work

#8

Choose the best answer

Kaitlyn is writing a poem that is 24 words long, but needs to take out 8 words to make it fit conventions. How many words will be in the final draft? Choose the equation that shows this.

○ $24 - 8 = x$ ○ $24 \div 8 = x$

○ $x \div 8 = 24$ ○ $x - 8 = 24$

Show your work

#9

Choose the best answer

Benjamin can eat an entire bag of 25 chocolate covered peanuts in 5 mouthfuls. If each handful is the same size, choose the equation that will tell us how many peanuts are in each mouthful.

○ $5 \div x = 25$ ○ $x \times 25 = 5$

○ $25 \times 5 = x$ ○ $25 \div 5 = x$

Show your work

#10

Choose the best answer

There are 10 total chairs at a restaurant. By 6pm 2 of those chairs are filled with customers. Choose the equation to calculate how many chairs are still available.

○ $x - 2 = 10$

○ $x \div 2 = 10$

○ $10 - 2 = x$

○ $10 \div 2 = x$

Show your work

#11

Choose the best answer

Owen made won ton soup and is dishing it out into 3 bowls. If Owen puts 10 won tons in each bowl, then how many won tons are there?

○ $3 \times x = 10$

○ $3 + 10 = x$

○ $3 \times 10 = x$

○ $x \times 10 = 3$

Show your work

#12

Choose the best answer

Anna has 160 total ice cubes in her iced tea. If 16 melt every hour, how many hours until there are no ice cubes? Choose the correct equation.

○ $16 \div x = 160$

○ $160 \div 16 = x$

○ $x \times 160 = 16$

○ $160 \times 16 = x$

Show your work

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