#1

Choose the best answer

Jayden found 8 bobbypins still in his hair at the end of the day after having lost 5 bobbypins. Give the equation to show how many bobbypins Jayden lost over the course of the day.

○ $x \div 5 = 8$ ○ $5 \times x = 8$

○ $5 + x = 8$ ○ $x - 5 = 8$

Show your work

#2

Choose the best answer

McRuff the dog loves to bury his bones. To date he has buried 3 bones but then burries x more resulting in 5 bones burried. Which equation can McRuff use to calculate how many bones he has buried?

○ $x \div 3 = 5$ ○ $3 \times x = 5$

○ $x - 3 = 5$ ○ $3 + x = 5$

Show your work

#3

Choose the best answer

Christopher and Cameron found some seashells on the beach. Christopher found 5 shells and Cameron found x shells. Altogether, they found 9 shells. Which equation shows this?

○ $x - 5 = 9$ ○ $x \div 5 = 9$

○ $5 + x = 9$ ○ $5 \times x = 9$

Show your work

#4

Choose the best answer

A lab technician just got in a shipment of x rats. She divides them evenly into groups of 3 rats for 4 different cages. Which expression represents this?

○ $3 \times x = 4$ ○ $x \div 3 = 4$

○ $3 + x = 4$ ○ $x - 3 = 4$

Show your work

#5

Choose the best answer

If you have 5 brownies left after you gave 8 brownies away to your friends, what is the equation that represents this?

○ $x \div 8 = 5$ ○ $8 \times x = 5$

○ $8 + x = 5$ ○ $x - 8 = 5$

Show your work

#6

Choose the best answer

Logan found 3 bobbypins still in his hair at the end of the day after having lost 8 bobbypins. Give the equation to show how many bobbypins Logan lost over the course of the day.

○ $8 + x = 3$ ○ $x \div 8 = 3$

○ $8 \times x = 3$ ○ $x - 8 = 3$

Show your work

Name:

#7

Choose the best answer

For the school picnic Cameron put 4 slices of watermelon on each platter. There were 8 slices in all. Which equation, when solved, will tell how many platters (x) Cameron used?

- ○ $4 \times x = 8$
- ○ $4 + x = 8$
- ○ $x \div 4 = 8$
- ○ $x - 4 = 8$

Show your work

#8

Choose the best answer

A barrista makes x cups of coffee in 10 hours resulting in 7 cups per hour. Which equation represents this?

- ○ $10 + x = 7$
- ○ $x - 10 = 7$
- ○ $10 \times x = 7$
- ○ $x \div 10 = 7$

Show your work

#9

Choose the best answer

Maya really likes practicing her piano. She has 5 songs and 10 minutes in total to practice the songs. If she practices each song for the same about of time, which equation will help us find out how much time Maya spends on each song?

- ○ $x - 5 = 10$
- ○ $5 + x = 10$
- ○ $x \div 5 = 10$
- ○ $5 \times x = 10$

Show your work

#10

Choose the best answer

For the school picnic Joseph put 3 slices of watermelon on each platter. There were 6 slices in all. Which equation, when solved, will tell how many platters (x) Joseph used?

    ○ $3 + x = 6$ ○ $x \div 3 = 6$

    ○ $3 \times x = 6$ ○ $x - 3 = 6$

Show your work

#11

Choose the best answer

A teacher opened a box containing x raisins and divided them evenly among 6 students. Each student got 9 raisins. Which equation represents this?

    ○ $6 \times x = 9$ ○ $x \div 6 = 9$

    ○ $6 + x = 9$ ○ $x - 6 = 9$

Show your work

#12

Choose the best answer

Landon is super excited to trade his stamps. If Landon trades 5 stamps with Lily, and knows he had 7 stamps after the trade, which expression represents this?

    ○ $x \div 5 = 7$ ○ $5 + x = 7$

    ○ $x - 5 = 7$ ○ $5 \times x = 7$

Show your work

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