

Equations to Represent Word Problems 2

Name: _____

Date: _____

1. Nora put 40 fish into 5 tanks.

She put an equal number of fish into each tank.

Which number sentence shows how many fish Nora put into each tank?

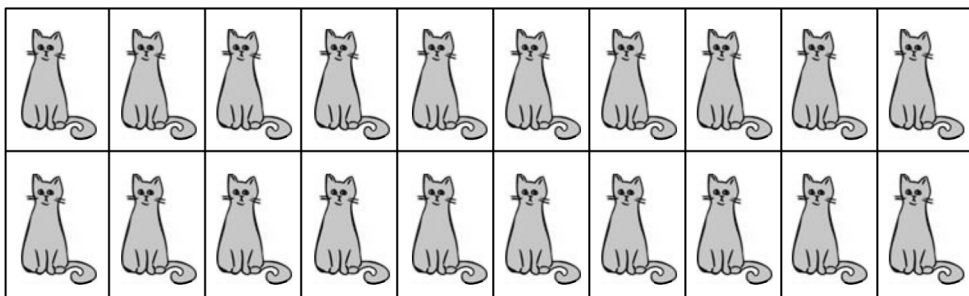
- A. $40 + 5 = 45$ B. $40 - 5 = 40$ C. $40 \times 5 = 200$ D. $40 \div 5 = 8$

2. Seneta had 9 balloons, but 4 floated away.

Which addition problem could Seneta use to find the number of balloons she has left?

- A. $4 + 5 = 9$ B. $4 + 5 = 13$ C. $9 + 4 = 13$ D. $9 + 5 = 14$

3. Look at the rows of cats below. Which number sentence matches the total number of cats in the rows?



- A. $4 \times 10 = 40$ B. $1 \times 20 = 20$ C. $2 \times 10 = 20$ D. $2 \times 11 = 22$

4. Ten students were on the playground. All but six of them were on the swings. Which number sentence shows how many students were on the swings?

- A. $10 + 6 = 16$ B. $16 - 6 = 10$ C. $10 - 6 = 4$ D. $10 + 4 = 14$

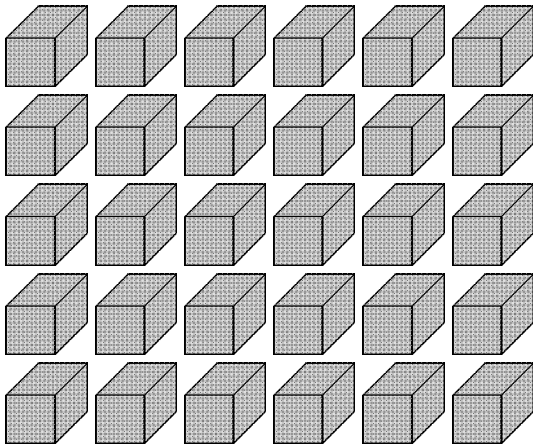
5. Trevor had cookies that he wanted to put into bags. He wanted to put 4 cookies into each bag. Trevor used the number sentence below to find the number of bags he would need.

$$56 \div 4 = 14$$

In the number sentence, what does the number 56 represent?

- A. the number of bags
B. the number of cookies
C. the number of students buying cookies
D. the number of cookies in each bag
6. Sarah had 12 jars of jam to put into 3 boxes. She put the same number of jars into each box.
Which number sentence shows how many jars of jam Sarah put in each box?
- A. $12 \div 3 = 4$
B. $12 + 3 = 15$
C. $12 - 3 = 9$
D. $12 \times 3 = 36$

7. Jan has 30 blocks to make 5 buildings. Each building will use an equal number of blocks.



Which number sentence shows the number of blocks used to build each building?

- A. $30 + 5 = 35$
B. $30 - 5 = 25$
C. $5 + 5 + 5 = 15$
D. $30 \div 5 = 6$
8. There were 64 ducks on the lake. They were joined by 12 swans. Then half the swans flew away. How could this problem be solved if you wanted to know how many birds are still on the lake?
- A. $64 + 12 + 6 = 82$
B. $64 + 12 - 6 = 70$
C. $64 - 12 - 6 = 46$
D. $64 + 12 - 32 = 44$

9. There were 25 cars in the parking lot, and then 12 cars drove away. Later, 20 more cars parked in the lot. Which number sentence shows a way to find the number of cars in the parking lot?

A. $25 - 12 + 20 = 33$

B. $25 + 12 + 20 = 57$

C. $25 - 12 = 13$

D. $25 + 20 = 45$

10. Each shelf holds about 28 books. To estimate how many shelves are needed for 86 books, which equation should be used?

A. $90 + 30 = 120$

B. $90 \div 30 = 3$

C. $90 - 30 = 60$

D. $90 \times 30 = 2,700$

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1.
Answer: D
2.
Answer: A
3.
Answer: C
4.
Answer: C
5.
Answer:
6.
Answer: A
7.
Answer: D
8.
Answer: B
9.
Answer: A
10.
Answer: B