

1. Which expression is **not** the same as 3×5 ?

- A. 5×3
- B. $5 \times 5 \times 5$
- C. $5 + 5 + 5$
- D. $3 + 3 + 3 + 3 + 3$

2. The \square and \triangle stand for numbers in the fact family below.

$$\square + \triangle = 15$$

$$\triangle + \square = 15$$

$$15 - \square = \triangle$$

$$15 - \triangle = \square$$

The \square and \triangle could stand for which two numbers?

- A. $\square = 6$ and $\triangle = 8$
 - B. $\square = 6$ and $\triangle = 9$
 - C. $\square = 7$ and $\triangle = 9$
 - D. $\square = 8$ and $\triangle = 9$
3. Ed and Jeanne each have 15 lion stickers. Tammy has 20. Which process could they use to find out how many they have altogether?

- A. Add 15 and 20.
- B. Multiply 15 and 20.
- C. Add 15 and 20, then multiply by 2.
- D. Multiply 15 by 2; then add 20.

4. $32 - 17 = 15$
Which could you use to check the above problem?

- A. $32 + 15 = 47$
- B. $15 + 17 = 32$
- C. $17 - 15 = 2$
- D. $32 + 17 = 49$

5. Use the model below to answer the question.

Which multiplication problem can be used to describe this model?

- A. 2×6
- B. 3×4
- C. 12×1
- D. 4×4

ANSWER KEY

ANSWER KEY

1. B

2. B

3. D

4. B

5. B

1. To order a free soccer ball, Cody needs 60 points. He has 27 points. How many more points does he need?
- A. 33
 - B. 43
 - C. 47
 - D. 87

2. In Ms. May's room there are 4 rows of desks with 5 desks in each row. How many desks are in Ms. May's room?

- A. 9
- B. 16
- C. 20
- D. 25

3. Which rule is applied to the input numbers in order to get the output numbers?

Input	Output
3	6
5	8
6	9
8	11

- A. Add 3
 - B. Subtract 3
 - C. Multiply by 2
 - D. Divide by 2
4. Find the exact value of 24×7 .
- A. 31
 - B. 141
 - C. 148
 - D. 168
5. Jim bought 7 packs of gum. There were 8 sticks of gum in each pack. How many sticks of gum did Jim buy?
- A. 15
 - B. 16
 - C. 56
 - D. 78

6. Estimate $423 - 174$. The difference is between which numbers?

- A. 0 and 199
- B. 200 and 399
- C. 400 and 599
- D. 600 and 799

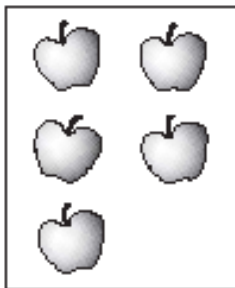
7. Use the menu below to answer the question.

Popcorn	\$0.75
Soda	\$0.50
Hot Dog	\$1.00
Gum	\$0.25

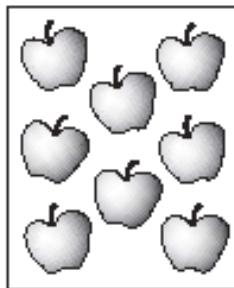
Jackie has \$2.00 to spend on food at the fair. She wants to buy a soda, a hot dog and popcorn. How much more money does she need?

- A. \$0.25
- B. \$0.50
- C. \$0.75
- D. \$1.00

8. The pictures below show the number of apples Mary and Sam each picked from a tree and put into a box.



Mary's box



Sam's box

How many more apples did Sam pick than Mary?

- A. 3 apples
- B. 5 apples
- C. 8 apples
- D. 13 apples

1. Elena worked 57 hours in March, 62 hours in April, and 59 hours in May. Which of these is the BEST estimate of the total number of hours she worked for the three months?
 - A. $50 + 50 + 50$
 - B. $55 + 55 + 55$
 - C. $60 + 60 + 60$
 - D. $65 + 65 + 65$

2. Miguel bought a game for \$3.74 and a ball for \$2.03. How much money, **rounded to the nearest dollar**, did he spend?
 - A. \$2.00
 - B. \$4.00
 - C. \$5.00
 - D. \$6.00

3. Which is the BEST way to estimate $89 + 62$?
 - A. $80 + 60 = \square$
 - B. $90 + 60 = \square$
 - C. $80 + 70 = \square$
 - D. $90 + 70 = \square$

4. Which is the best ESTIMATE for the problem
$$67 - 29 = \square?$$
 - A. 20
 - B. 30
 - C. 40
 - D. 50

ANSWER KEY

ANSWER KEY

1. A

2. C

3. A

4. D

5. C

6. B

7. A

8. A

ANSWER KEY

1. C

2. D

3. B

4. C