3rd Grade Operations & Algebraic Thinking
Represent and solve problems involving multiplication and division. Standard 1, Test 1

Multiple Choice
Identify the choice that best completes the statement or answers the question.

1.

Annie and Maddie were making a flag. Each girl would sew on equal number of stars until they had 14 stars on the flag.   Which equation shows this fact.
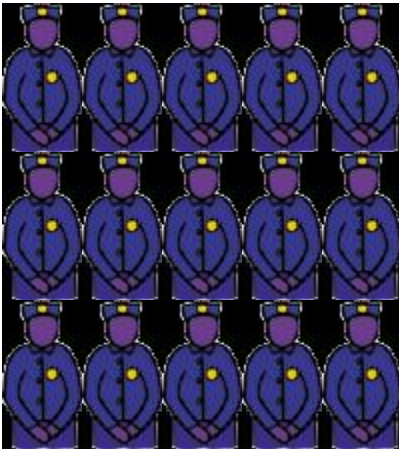a. 7 x 3
b. 2 x 7
c. 2 x 5
d. 2 x 2

2.

The road crew had to put up STOP signs. They had 12 signs to put up. Which equation below shows the number of signs the road crew had to put up?
a. 7 x 3
b. 4 x 5
c. 3 x 4
d. 3 x 3

3.

The 20 police officers in the town lined up for a parade. From the picture above, which equation below describes how they lined up?

a. 4   c. 20

b. 2 x 10   d. 4 x 5

4.

Alfred had an art project to do. He wanted to paint a picture. His teacher required him to use brushes that painted strokes like the ones above. He also had to use 6 different colors <u>for each brush.</u> Which equation below shows how many different strokes he would put in his drawing?

a. 6 x 6   c. 6 x 3

b. 3 x 6   d. 36

5.

Andy wanted to put all the face cards (Jacks, Queens, Kings and Aces) in a deck of cards together by their suit. There are four face cards in each suit. Which equation below depicts his array?

a. 4 x 4   c. 52 ÷ 4

b. 4 x 1   d. 4 x 52

6. Sammi arranged her notebook with all of her classes in a different section. She had 6 classes. She only wanted to keep 10 papers per class. Which equation below describes this fact?

a. 6 x 6   c. 3 x 10

b. 6 x 10   d. 60

Answer 1: B

Answer 2: C

Answer 3: D

Answer 4: A

Answer 5: A

Answer 6: B