

1. The roller coaster at the amusement park has 7 cars. Each car seats 6 people. If all cars are full, how many people can ride on the roller coaster? (6-4)

A 49  
B 42  
C 35  
D 13

2. There are 4 quarters in a football game. How many quarters are there in 3 football games? (6-2)

A 7  
B 10  
C 12  
D 30

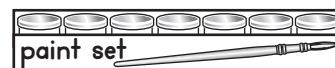
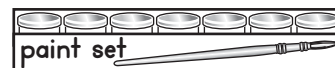
3. Which shows a way to find  $4 \times 9$ ? (6-3)

A  $4 + 9$   
B  $9 + 9 + 9$   
C  $4 \times 9$  plus  $1 \times 9$   
D  $2 \times 9$  plus  $2 \times 9$

4. Karen buys 7 packages of paper plates. Each package has 8 plates. Karen uses 30 plates at a party. Which shows one way to find the number of plates Karen has left? (6-9)

A Multiply 7 by 8 and then subtract 30.  
B Multiply 7 by 30 and then subtract 8.  
C Multiply 1 by 8 and then add 30.  
D Multiply 7 by 8 and then add 30.

5. Each box has 7 paint jars.



If you count the paint jars in groups of 7, which list shows the numbers you would name? (6-7)

A 7, 14, 21, 28, 35  
B 7, 12, 18, 25, 32  
C 7, 14, 20, 27, 34  
D 7, 12, 21, 28, 35

6. Krista walks 3 dogs. She walks each dog separately 3 times a day. How many dog walks will she have taken in 2 days? (6-6)

- A 24
- B 18
- C 12
- D 9

7. What number makes this number sentence true? (6-6)

$$5 \times (2 \times 3) = (\blacksquare \times 2) \times 3$$

- A 2
- B 3
- C 5
- D 30

8. Ronnie displays his collection of model boats on 4 shelves. He has 7 boats on each shelf. How many model boats does Ronnie have? (6-3)

- A 32
- B 28
- C 24
- D 20

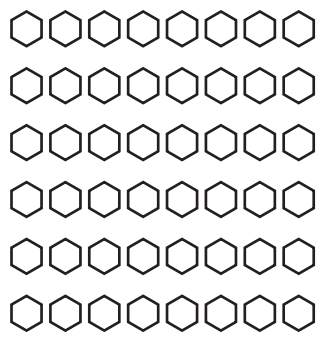
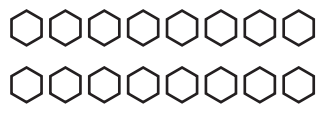
9. Lyle can choose one of 2 kinds of drink and one of 4 pieces of fruit. How many different combinations of one drink and one piece of fruit can he choose? (6-8)

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10. Mr. Derby made 3 wood model cars and 6 plastic model cars. Each model car uses 4 wheels. How many wheels did he use? (6-9)

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11. A theater section had 8 rows of seats with 8 seats in each row. Explain how the fact that  $2 \times 8 = 16$  can help you find  $8 \times 8$ . (6-5)



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\_\_\_\_\_  
\_\_\_\_\_

12. Eric has 7 boxes with 5 shells in each box. How many shells does he have in all? (6-4)

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13. A package of granola bars contains 8 bars. Ellen bought 4 packages. How many granola bars did Ellen buy? (6-5)

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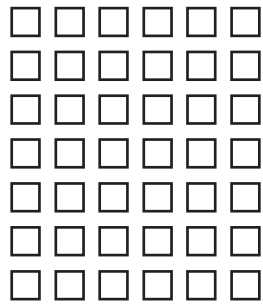
14. Earl can choose red, yellow, or white paper. He can choose a black, blue, green, orange, or purple crayon. How many different combinations of one color of paper and one color of crayon can he choose? (6-8)

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15. Could you multiply a number by 4 and get a product of 29? Explain. (6-7)

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\_\_\_\_\_  
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16. Separate the rows in the array to break them into two smaller arrays. Write the new facts. (6-1)



$$7 \times 6 = (\blacksquare \times 6) + (\blacksquare \times 6)$$

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\_\_\_\_\_

17. Don drives a total of 3 miles 2 times a day for his job. How many miles in all does he drive each day? Explain. (6-2)

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18. Explain how you can break a  $4 \times 8$  array into two smaller arrays. What are the new facts? (6-1)

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