

Module 3 Topic B Quiz  
Multiplication and Division with Units of 6 and 7



Name \_\_\_\_\_ # \_\_\_\_\_ Date \_\_\_\_\_

**Directions:**

Circle the letter to the correct answer. Read the questions carefully.  
Think and work out the problem before marking your answer choice.

1) Count by six to fill in the blanks below.

6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Complete the multiplication equation that represents the final number in your count-by.

$6 \times \underline{\quad} = \underline{\quad}$

Complete the division equation that represents your count-by.

$\underline{\quad} \div 6 = \underline{\quad}$

2) Jessica counts by seven to solve  $7 \times 8$ . She says the answer is 49. Is she right? Explain your answer.

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3) There are 5 players on the basketball team. If each player scores 7 points, what would the team's score be? Write a number sentence and then solve.

Number Sentence: \_\_\_\_\_

- A. 35
- B. 12
- C. 40
- D. 30



4) Margo spends 3 hours each day, 7 days a week practicing ice skating. How many hours does she spend practicing in one week? Choose the two answer choices that are correct.

- A. 20
- B. 21
- C.  $15 + 6$
- D.  $16 + 4$

For numbers 5 and 6, solve each equation and then write the related division equation.

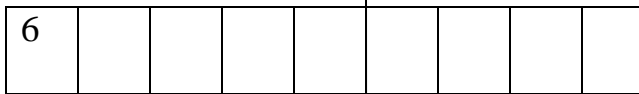
5)  $7 \times 6 =$  \_\_\_\_\_ Division Equation \_\_\_\_\_

6)  $7 \times 4 =$  \_\_\_\_\_ Division Equation \_\_\_\_\_

7) Label the tape diagram. Then fill in the blanks below to make the statements true.

$9 \times 6 =$  \_\_\_\_\_

$(5 \times 6) =$  \_\_\_\_\_  $(\text{_____} \times 6) =$  \_\_\_\_\_



$$\begin{aligned}
 \mathbf{9 \times 6} &= (5 + \text{_____}) \times 6 \\
 &= (5 \times 6) + (\text{_____} \times 6) \\
 &= \underline{30} + \text{_____} \\
 &= \text{_____}
 \end{aligned}$$

**Constructed Response Question**

Directions: Write your answer to the questions in the spaces provided. This question has more than one part. Be sure to show all of the work you do to find your answer. Even if you cannot answer all parts, answer as many as you can. You may get points for answering part of a question. Write your answers clearly.

Model each problem below with a drawing. Then write an equation using a letter to represent the unknown and solve for the unknown.

Part A) Each student gets 3 crayons. There are a total of 21 crayons. How many students are there?

Equation: \_\_\_\_\_ Answer \_\_\_\_\_

Part B) Henry spends 24 minutes practicing 6 different basketball drills. He spends the same amount of time on each drill. How much time does Henry spend on each drill?

Equation: \_\_\_\_\_ Answer \_\_\_\_\_

**Constructed Response Question**

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Jackson writes 2 letters to Santa each week.

Part A) Jackson writes the same number of letters for 4 weeks. Draw a tape diagram and label the total amount of letters he wrote as  $L$ . Write an equation and solve for  $L$ .

Equation: \_\_\_\_\_  $L =$  \_\_\_\_\_

Part B) Each letter contains 3 candy canes for Santa. Draw a tape diagram and label the total number of candy canes as  $C$ . Write an equation and solve for  $C$ .

Equation: \_\_\_\_\_  $C =$  \_\_\_\_\_