

Name: _____

Factors and Multiples

Directions: Read each question below. Fill in the correct answer on your bubble sheet.

1. Which of the following numbers is a multiple of 7?

- A. 28
- B. 48
- C. 71
- D. 45

2. Which of the following numbers is a multiple of 3?

- A. 4
- B. 8
- C. 12
- D. 16

3. Which of the following is **NOT** a multiple of 6?

- A. 72
- B. 42
- C. 18
- D. 35

4. Look at the numbers in the box below.

24
48
72
96
120

The numbers in the box are all multiples of --

- A. 5
- B. 7
- C. 11
- D. 12

5. Which of the following numbers shows all the factors of 12?

- A. 1, 2, 3, 4, 6, 12
- B. 1, 2, 3, 4, 6, 8, 12
- C. 1, 2, 4, 6, 12
- D. 2, 4, 6, 8, 10, 12

6. Which of the following equations will **NOT** result in a multiple of 5?

- A. $11 \times 5 =$
- B. $2 \times 5 =$
- C. $6 \times 5 =$
- D. $7 \times 3 =$

7. Which of the following numbers is a multiple of 4?

- A. 4
- B. 3
- C. 2
- D. 1

8. Which of the following is a multiple of 11?

- A. 101
- B. 100
- C. 111
- D. 121

9. Look at the factors and multiples chart for 7 and 8 below.

<u>Factors</u>	<u>Multiples</u>
7	7, 14, 21, 28...
8	8, 16, 24, 32...

If the chart continues, which of the following numbers is a multiple of both 7 and 8?

- A. 42
- B. 48
- C. 56
- D. 63

10. Which of the following equations will **NOT** result in a multiple of 4?

- A. $20 \times 4 =$
- B. $5 \times 2 =$
- C. $7 \times 4 =$
- D. $6 \times 4 =$