



## Determining Factors and Multiples

Name: \_\_\_\_\_

Determine which letter best answers each question.

1) Which number is a factor of 12, but not a multiple of 3?  
A. 9  
B. 6  
C. 4  
D. 8

2) Which number is a factor of 16, but not a multiple of 4?  
A. 6  
B. 8  
C. 10  
D. 2

3) Which number is a factor of 18, but not a multiple of 6?  
A. 12  
B. 10  
C. 8  
D. 9

4) Which number is a factor of 22, but not a multiple of 11?  
A. 6  
B. 5  
C. 4  
D. 2

5) Which number is a factor of 24, but not a multiple of 3?  
A. 6  
B. 9  
C. 8  
D. 12

6) Which number is a factor of 15, but not a multiple of 3?  
A. 5  
B. 8  
C. 4  
D. 6

7) Which number is a factor of 24, but not a multiple of 2?  
A. 6  
B. 8  
C. 4  
D. 3

8) Which number is a factor of 24, but not a multiple of 12?  
A. 9  
B. 5  
C. 7  
D. 8

9) Which number is a factor of 20, but not a multiple of 5?  
A. 10  
B. 6  
C. 4  
D. 8

10) Which number is a factor of 10, but not a multiple of 2?  
A. 4  
B. 6  
C. 5  
D. 8

11) Which number is a factor of 18, but not a multiple of 3?  
A. 2  
B. 8  
C. 9  
D. 6

12) Which number is a factor of 20, but not a multiple of 10?  
A. 12  
B. 6  
C. 5  
D. 15

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



## Determining Factors and Multiples

Name: **Answer Key**

Determine which letter best answers each question.

1) Which number is a factor of 12, but not a multiple of 3?  
 A. 9  
 B. 6  
 C. 4  
 D. 8

2) Which number is a factor of 16, but not a multiple of 4?  
 A. 6  
 B. 8  
 C. 10  
 D. 2

3) Which number is a factor of 18, but not a multiple of 6?  
 A. 12  
 B. 10  
 C. 8  
 D. 9

4) Which number is a factor of 22, but not a multiple of 11?  
 A. 6  
 B. 5  
 C. 4  
 D. 2

5) Which number is a factor of 24, but not a multiple of 3?  
 A. 6  
 B. 9  
 C. 8  
 D. 12

6) Which number is a factor of 15, but not a multiple of 3?  
 A. 5  
 B. 8  
 C. 4  
 D. 6

7) Which number is a factor of 24, but not a multiple of 2?  
 A. 6  
 B. 8  
 C. 4  
 D. 3

8) Which number is a factor of 24, but not a multiple of 12?  
 A. 9  
 B. 5  
 C. 7  
 D. 8

9) Which number is a factor of 20, but not a multiple of 5?  
 A. 10  
 B. 6  
 C. 4  
 D. 8

10) Which number is a factor of 10, but not a multiple of 2?  
 A. 4  
 B. 6  
 C. 5  
 D. 8

11) Which number is a factor of 18, but not a multiple of 3?  
 A. 2  
 B. 8  
 C. 9  
 D. 6

12) Which number is a factor of 20, but not a multiple of 10?  
 A. 12  
 B. 6  
 C. 5  
 D. 15

**Answers**

1. **c**  
 2. **d**  
 3. **d**  
 4. **d**  
 5. **c**  
 6. **a**  
 7. **d**  
 8. **d**  
 9. **c**  
 10. **c**  
 11. **a**  
 12. **c**