



Determining Factors and Multiples

Name: _____

Determine which letter best answers each question.

1) Which number is a factor of 21, but not a multiple of 7?
A. 4
B. 5
C. 3
D. 2

2) Which number is a factor of 24, but not a multiple of 4?
A. 6
B. 9
C. 8
D. 12

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

4) Which number is a factor of 14, but not a multiple of 7?
A. 8
B. 4
C. 12
D. 2

5) Which number is a factor of 20, but not a multiple of 2?
A. 12
B. 10
C. 4
D. 5

6) Which number is a factor of 12, but not a multiple of 4?
A. 8
B. 6
C. 9
D. 10

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

8) Which number is a factor of 18, but not a multiple of 2?
A. 6
B. 4
C. 9
D. 8

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

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

11) Which number is a factor of 24, but not a multiple of 8?
A. 6
B. 10
C. 7
D. 9

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

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 21, but not a multiple of 7?
 A. 4
 B. 5
 C. 3
 D. 2

2) Which number is a factor of 24, but not a multiple of 4?
 A. 6
 B. 9
 C. 8
 D. 12

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

4) Which number is a factor of 14, but not a multiple of 7?
 A. 8
 B. 4
 C. 12
 D. 2

5) Which number is a factor of 20, but not a multiple of 2?
 A. 12
 B. 10
 C. 4
 D. 5

6) Which number is a factor of 12, but not a multiple of 4?
 A. 8
 B. 6
 C. 9
 D. 10

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

8) Which number is a factor of 18, but not a multiple of 2?
 A. 6
 B. 4
 C. 9
 D. 8

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

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

11) Which number is a factor of 24, but not a multiple of 8?
 A. 6
 B. 10
 C. 7
 D. 9

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

Answers

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