



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 3?
A. 7
B. 2
C. 5
D. 4

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

3) Which number is a factor of 18, but not a multiple of 9?
A. 5
B. 6
C. 8
D. 4

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

5) Which number is a factor of 22, but not a multiple of 2?
A. 7
B. 4
C. 11
D. 6

6) Which number is a factor of 16, but not a multiple of 8?
A. 12
B. 4
C. 10
D. 6

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

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

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

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

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

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

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 3?
 A. 7
 B. 2
 C. 5
 D. 4

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

3) Which number is a factor of 18, but not a multiple of 9?
 A. 5
 B. 6
 C. 8
 D. 4

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

5) Which number is a factor of 22, but not a multiple of 2?
 A. 7
 B. 4
 C. 11
 D. 6

6) Which number is a factor of 16, but not a multiple of 8?
 A. 12
 B. 4
 C. 10
 D. 6

7) Which number is a factor of 22, but not a multiple of 11?
 A. 2
 B. 5
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8) Which number is a factor of 20, but not a multiple of 2?
 A. 4
 B. 12
 C. 5
 D. 10

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

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

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

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

Answers

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