Determining Factors and Multiples

Name: _____

Determine which letter best answers each question.

1) Which number is a factor of 18, but not a multiple of 2?

A. 8
B. 6
C. 9
D. 4

2) Which number is a factor of 15, but not a multiple of 5?

A. 6
B. 10
C. 9
D. 3

3) Which number is a factor of 15, but not a multiple of 3?

A. 6
B. 8
C. 5
D. 4

4) Which number is a factor of 21, but not a multiple of 7?

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

5) Which number is a factor of 24, but not a multiple of 4?

A. 8
B. 9
C. 6
D. 12

6) Which number is a factor of 16, but not a multiple of 4?

A. 2
B. 8
C. 10
D. 6

7) Which number is a factor of 8, but not a multiple of 4?

A. 6
B. 5
C. 2
D. 3

8) Which number is a factor of 24, but not a multiple of 8?

A. 6
B. 7
C. 10
D. 9

9) Which number is a factor of 12, but not a multiple of 4?

A. 10
B. 8
C. 6
D. 9

10) Which number is a factor of 14, but not a multiple of 2?

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

11) Which number is a factor of 24, but not a multiple of 6?

A. 8
B. 12
C. 7
D. 10

12) Which number is a factor of 10, but not a multiple of 5?

A. 4
B. 8
C. 6
D. 2

Answers
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

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1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name: **Answer Key**

Determine which letter best answers each question.

Answers

1) Which number is a factor of 18, but not a multiple of 2?

A. 8
B. 6
C. 9
D. 4

2) Which number is a factor of 15, but not a multiple of 5?

A. 6
B. 10
C. 9
D. 3

3) Which number is a factor of 15, but not a multiple of 3?

A. 6
B. 8
C. 5
D. 4

4) Which number is a factor of 21, but not a multiple of 7?

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

5) Which number is a factor of 24, but not a multiple of 4?

A. 8
B. 9
C. 6
D. 12

6) Which number is a factor of 16, but not a multiple of 4?

A. 2
B. 8
C. 10
D. 6

7) Which number is a factor of 8, but not a multiple of 4?

A. 6
B. 5
C. 2
D. 3

8) Which number is a factor of 24, but not a multiple of 8?

A. 6
B. 7
C. 10
D. 9

9) Which number is a factor of 12, but not a multiple of 4?

A. 10
B. 8
C. 6
D. 9

10) Which number is a factor of 14, but not a multiple of 2?

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

11) Which number is a factor of 24, but not a multiple of 6?

A. 8
B. 12
C. 7
D. 10

12) Which number is a factor of 10, but not a multiple of 5?

A. 4
B. 8
C. 6
D. 2

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

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1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								