Determining Factors and Multiples

Name:

Determine which letter best answers each question.

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

2) Which number is a factor of 15, but not a multiple of 5?
A. 6
B. 3
C. 10
D. 9

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

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

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

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

7) Which number is a factor of 8, but not a multiple of 4?
A. 3
B. 2
C. 5
D. 6

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

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

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

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

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

Answers

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

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

Determining Factors and Multiples Name: **Answer Key**

Determine which letter best answers each question.

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

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B. 3
C. 10
D. 9

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

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

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A. 6
B. 12
C. 15
D. 5

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A. 4
B. 9
C. 8
D. 10

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

Answers

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

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