Cotuz

Name: Date:

Factors, Multiples, Prime and Composite Numbers

Grade 4 · Ages 9-10 · Math · Number Sense · ★☆

A factor divides a number exactly (6 is a factor of 42); a multiple is the number times 1, 2, 3 ... (42 is a multiple of 6). Circle Yes or No, or write the number on the line.

1. Is 12 a factor of 82?
(A) Yes (B) No

2. Is 40 a multiple of 8?
(A) Yes (B) No

3. Is 4 a factor of 20?
(A) Yes (B) No

4. Is 61 a multiple of 7?
(A) Yes (B) No

5. Is 65 a multiple of 5?
(A) Yes (B) No

6. Is 2 a factor of 71?
(A) Yes (B) No

7. Is 4 a factor of 23?
(A) Yes (B) No

8. Is 21 a multiple of 3?
(A) Yes (B) No

9. Is 42 a multiple of 12?
(A) Yes (B) No

10. Is 12 a factor of 36?
(A) Yes (B) No

11. What is the 8th multiple of 6? _____

12. What is the smallest factor of 50 other than 1? _____

13. What is the smallest factor of 95 other than 1? _____

14. What is the 2nd multiple of 12? _____

15. What is the largest factor of 34 other than 34? _____

16. What is the largest factor of 75 other than 75? _____

17. What is the smallest factor of 85 other than 1? _____

18. What is the 6th multiple of 6? _____

19. What is the largest factor of 96 other than 96? _____

20. What is the smallest factor of 62 other than 1? _____

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ANSWER KEY

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1. Is 12 a factor of 82?
Answer: (B) No

2. Is 40 a multiple of 8?
Answer: (A) Yes

3. Is 4 a factor of 20?
Answer: (A) Yes

4. Is 61 a multiple of 7?
Answer: (B) No

5. Is 65 a multiple of 5?
Answer: (A) Yes

6. Is 2 a factor of 71?
Answer: (B) No

7. Is 4 a factor of 23?
Answer: (B) No

8. Is 21 a multiple of 3?
Answer: (A) Yes

9. Is 42 a multiple of 12?
Answer: (B) No

10. Is 12 a factor of 36?
Answer: (A) Yes

11. What is the 8th multiple of 6? **48**

12. What is the smallest factor of 50 other than 1? **2**

13. What is the smallest factor of 95 other than 1? **5**

14. What is the 2nd multiple of 12? **24**

15. What is the largest factor of 34 other than 34? **17**

16. What is the largest factor of 75 other than 75? **25**

17. What is the smallest factor of 85 other than 1? **5**

18. What is the 6th multiple of 6? **36**

19. What is the largest factor of 96 other than 96? **48**

20. What is the smallest factor of 62 other than 1? **2**