

Grade 4th Math Worksheet 1: Factors & Multiples (Advanced Level)

Name: _____

Date: _____

Part 1: Factors

1. What is the greatest common factor (GCF) of 36 and 60?

- a) 6
- b) 12
- c) 18
- d) 24

2. Which of the following is a factor of both 24 and 36?

- a) 4
- b) 6
- c) 12
- d) 18

3. What is the greatest factor of 56?

- a) 7
- b) 14
- c) 28
- d) 56

4. Which of these numbers is NOT a factor of 48?

- a) 6
- b) 8
- c) 10
- d) 12

5. What are the factors of 72?

- a) 1, 2, 3, 6, 9, 12, 18, 24, 36, 72
 - b) 1, 2, 3, 4, 8, 12, 24, 36
 - c) 1, 2, 5, 10, 20
 - d) 1, 3, 6, 12, 18, 30, 60
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Part 2: Multiples

6. What is the least common multiple (LCM) of 12 and 15?

- a) 30
- b) 45
- c) 60
- d) 75

7. What is the least common multiple (LCM) of 8 and 9?

- a) 16
- b) 24
- c) 72
- d) 36

8. Which of these is the least common multiple of 6 and 10?

- a) 20
- b) 30
- c) 60
- d) 12

9. Which number is a multiple of both 4 and 7?

- a) 8
- b) 10
- c) 28
- d) 35

10. What is the next multiple of 18 after 72?

- a) 84
 - b) 90
 - c) 108
 - d) 144
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Part 3: Mixed Questions on Factors & Multiples

11. What is the greatest common factor (GCF) of 54 and 90?

- a) 6
- b) 9
- c) 18
- d) 27

12. What is the least common multiple (LCM) of 6, 9, and 12?

- a) 18
- b) 36
- c) 72
- d) 108

13. What is the greatest common factor (GCF) of 32 and 48?

- a) 8
- b) 12
- c) 16
- d) 24

14. Which of these is the least common multiple (LCM) of 5 and 9?

- a) 20
- b) 45
- c) 40
- d) 50

15. What is the least common multiple (LCM) of 4, 6, and 8?

- a) 12
- b) 24
- c) 48
- d) 36

Bonus Question

16. What is the greatest common factor (GCF) of 56 and 98?

- a) 7
- b) 14
- c) 28
- d) 56

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