

## Grade 4 Math Worksheet 1: Factors & Multiples -Types of Numbers (Intermediate Level)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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### Part 1: Factors

**1. What are the factors of 72?**

- a) 1, 2, 3, 6, 8, 9, 12, 18, 24, 36, 72
  - b) 1, 2, 3, 5, 6, 8, 9, 12, 36, 72
  - c) 1, 2, 3, 6, 9, 12, 24, 36, 72
  - d) 1, 2, 4, 6, 12, 24, 36, 72
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**2. Which of the following is a factor of both 36 and 48?**

- a) 1, 2, 4, 6, 8, 12
  - b) 1, 2, 4, 6, 9, 12, 18
  - c) 1, 2, 3, 6, 12, 18
  - d) 1, 3, 6, 12, 24
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**3. What are the common factors of 18 and 30?**

- a) 1, 2, 3, 6
  - b) 1, 3, 6
  - c) 1, 3, 9
  - d) 1, 2, 6, 9
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**4. What is the greatest common factor (GCF) of 24 and 36?**

- a) 6

- b) 12
  - c) 24
  - d) 36
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**5. Which of the following is NOT a factor of 56?**

- a) 1
  - b) 4
  - c) 7
  - d) 10
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## **Part 2: Multiples**

**6. What are the first 5 multiples of 6?**

- a) 6, 12, 18, 24, 30
  - b) 6, 13, 19, 24, 30
  - c) 6, 14, 20, 26, 30
  - d) 6, 12, 20, 24, 30
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**7. What is the least common multiple (LCM) of 4 and 6?**

- a) 12
  - b) 24
  - c) 30
  - d) 36
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**8. What is the least common multiple (LCM) of 8 and 12?**

- a) 24
  - b) 48
  - c) 36
  - d) 72
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**9. What are the first 5 multiples of 15?**

- a) 15, 30, 45, 60, 75
- b) 15, 30, 50, 60, 80

- c) 10, 20, 30, 50, 60
  - d) 5, 10, 20, 40, 50
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**10. What is the least common multiple (LCM) of 5, 10, and 20?**

- a) 10
  - b) 20
  - c) 30
  - d) 40
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### **Part 3: Even and Odd Numbers**

**11. Which of the following numbers is even?**

- a) 53
  - b) 61
  - c) 72
  - d) 99
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**12. Which of the following numbers is odd?**

- a) 14
  - b) 28
  - c) 32
  - d) 51
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**13. Which of the following is NOT an even number?**

- a) 18
  - b) 22
  - c) 33
  - d) 44
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**14. Which number is NOT an odd number?**

- a) 27
- b) 33

- c) 41
  - d) 62
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**15. What is the sum of the first 5 even numbers?**

- a) 10
  - b) 20
  - c) 30
  - d) 40
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#### **Part 4: Prime and Composite Numbers**

**16. Which of the following numbers is prime?**

- a) 15
  - b) 29
  - c) 35
  - d) 50
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**17. Which of the following numbers is composite?**

- a) 3
  - b) 5
  - c) 7
  - d) 9
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**18. Which of the following numbers is NOT a prime number?**

- a) 2
  - b) 3
  - c) 5
  - d) 9
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**19. Which number is composite?**

- a) 23
- b) 17

- c) 29
  - d) 25
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**20. Which of the following is a prime number?**

- a) 4
  - b) 6
  - c) 7
  - d) 10
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### **Part 5: True or False**

**21. 14 is a composite number.**

- a) True
  - b) False
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**22. 21 is a prime number.**

- a) True
  - b) False
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**23. 25 is a multiple of 5.**

- a) True
  - b) False
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**24. 12 is a multiple of 6.**

- a) True
  - b) False
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**25. 16 is a factor of 48.**

- a) True
  - b) False
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## Bonus Challenge

**26. What is the greatest common factor (GCF) of 15, 25, and 35?**

- a) 1
  - b) 5
  - c) 15
  - d) 25
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**27. What is the least common multiple (LCM) of 4 and 9?**

- a) 12
  - b) 18
  - c) 36
  - d) 72
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**28. What is the smallest multiple of both 6 and 9?**

- a) 18
  - b) 36
  - c) 72
  - d) 54
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**29. What is the greatest common factor (GCF) of 40 and 60?**

- a) 10
  - b) 20
  - c) 40
  - d) 60
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**30. What is the least common multiple (LCM) of 3, 4, and 6?**

- a) 12
  - b) 24
  - c) 36
  - d) 72
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--BE THE CHAMPION!--