

Factors, Multiples, Prime and Composite - ANSWER KEY

Grade 4 | Finding factor pairs and multiples, and identifying prime and composite numbers

Answer each question. A prime number has exactly two factors: 1 and itself.

Part A: Factors

1. List all the factors of 12. 1, 2, 3, 4, 6, 12
2. List all the factors of 18. 1, 2, 3, 6, 9, 18
3. List all the factors of 20. 1, 2, 4, 5, 10, 20
4. List all the factors of 24. 1, 2, 3, 4, 6, 8, 12, 24
5. List all the factors of 36. 1, 2, 3, 4, 6, 9, 12, 18, 36
6. List all the factors of 45. 1, 3, 5, 9, 15, 45

Part B: Multiples

7. List the first five multiples of 4. 4, 8, 12, 16, 20
8. List the first five multiples of 6. 6, 12, 18, 24, 30
9. List the first five multiples of 7. 7, 14, 21, 28, 35
10. List the first five multiples of 9. 9, 18, 27, 36, 45

Part C: Prime or composite?

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| 11. Is 17 prime or composite? <u>prime</u> | 12. Is 21 prime or composite? <u>composite</u> |
| 13. Is 29 prime or composite? <u>prime</u> | 14. Is 39 prime or composite? <u>composite</u> |
| 15. Is 51 prime or composite? <u>composite</u> | 16. Is 53 prime or composite? <u>prime</u> |
| 17. Is 87 prime or composite? <u>composite</u> | 18. Is 97 prime or composite? <u>prime</u> |