# Factoring numbers (1-100) to prime factors

## Grade 6 Factoring Worksheet

Factor the following numbers to their prime factors. Is the number prime?

1. 59 = _____

2. 31 = _____

3. 85 = _____

4. 36 = _____

5. 3 = _____

6. 45 = _____

7. 61 = _____

8. 57 = _____

9. 37 = _____

10. 23 = _____

11. 2 = _____

12. 4 = _____

13. 97 = _____

14. 35 = _____

15. 74 = _____

16. 8 = _____

17. 91 = _____

18. 12 = _____

19. 86 = _____

20. 33 = _____

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Factor the following numbers to their prime factors. Is the number prime?

1.  59 = 59 (Yes)

2.  31 = 31 (Yes)

3.  85 = 5×17 (No)

4.  36 = 2×2×3×3 (No)

5.  3 = 3 (Yes)

6.  45 = 3×3×5 (No)

7.  61 = 61 (Yes)

8.  57 = 3×19 (No)

9.  37 = 37 (Yes)

10. 23 = 23 (Yes)

11. 2 = 2 (Yes)

12. 4 = 2×2 (No)

13. 97 = 97 (Yes)

14. 35 = 5×7 (No)

15. 74 = 2×37 (No)

16. 8 = 2×2×2 (No)

17. 91 = 7×13 (No)

18. 12 = 2×2×3 (No)

19. 86 = 2×43 (No)

20. 33 = 3×11 (No)