



Factoring numbers (1-100) to prime factors

Grade 6 Factoring Worksheet

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

1. $38 =$ _____ 2. $47 =$ _____

3. $42 =$ _____ 4. $80 =$ _____

5. $92 =$ _____ 6. $48 =$ _____

7. $2 =$ _____ 8. $54 =$ _____

9. $59 =$ _____ 10. $60 =$ _____

11. $0 =$ _____ 12. $36 =$ _____

13. $88 =$ _____ 14. $90 =$ _____

15. $6 =$ _____ 16. $98 =$ _____

17. $40 =$ _____ 18. $5 =$ _____

19. $89 =$ _____ 20. $84 =$ _____

Factoring numbers (1-100) to prime factors

Grade 6 Factoring Worksheet

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

1. $38 = 2 \times 19$ (No) _____ 2. $47 = 47$ (Yes) _____

3. $42 = 2 \times 3 \times 7$ (No) _____ 4. $80 = 2 \times 2 \times 2 \times 2 \times 5$ (No) _____

5. $92 = 2 \times 2 \times 23$ (No) _____ 6. $48 = 2 \times 2 \times 2 \times 2 \times 3$ (No) _____

7. $2 = 2$ (Yes) _____ 8. $54 = 2 \times 3 \times 3 \times 3$ (No) _____

9. $59 = 59$ (Yes) _____ 10. $60 = 2 \times 2 \times 3 \times 5$ (No) _____

11. $0 = 0$ (No) _____ 12. $36 = 2 \times 2 \times 3 \times 3$ (No) _____

13. $88 = 2 \times 2 \times 2 \times 11$ (No) _____ 14. $90 = 2 \times 3 \times 3 \times 5$ (No) _____

15. $6 = 2 \times 3$ (No) _____ 16. $98 = 2 \times 7 \times 7$ (No) _____

17. $40 = 2 \times 2 \times 2 \times 5$ (No) _____ 18. $5 = 5$ (Yes) _____

19. $89 = 89$ (Yes) _____ 20. $84 = 2 \times 2 \times 3 \times 7$ (No) _____