Finding Prime Factors

Name:

Find the prime factors for each number.

1) 11 = _____

2) 7 = _____

3) 70 = _____

4) 28 = _____

5) 35 = _____

6) 75 = _____

7) 77 = _____

8) 81 = _____

9) 53 = _____

10) 43 = _____

11) 14 = _____

12) 84 = _____

13) 38 = _____

14) 58 = _____

15) 66 = _____

16) 27 = _____

17) 33 = _____

18) 61 = _____

19) 41 = _____

20) 65 = _____

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Finding Prime Factors

Name: **Answer Key**

Find the prime factors for each number.

1) 11 = 11

2) 7 = 7

3) 70 = 2×5×7

4) 28 = 2×2×7

5) 35 = 5×7

6) 75 = 3×5×5

7) 77 = 7×11

8) 81 = 3×3×3×3

9) 53 = 53

10) 43 = 43

11) 14 = 2×7

12) 84 = 2×2×3×7

13) 38 = 2×19

14) 58 = 2×29

15) 66 = 2×3×11

16) 27 = 3×3×3

17) 33 = 3×11

18) 61 = 61

19) 41 = 41

20) 65 = 5×13

Answers

1. 11
2. 7
3. 2×5×7
4. 2×2×7
5. 5×7
6. 3×5×5
7. 7×11
8. 3×3×3×3
9. 53
10. 43
11. 2×7
12. 2×2×3×7
13. 2×19
14. 2×29
15. 2×3×11
16. 3×3×3
17. 3×11
18. 61
19. 41
20. 5×13

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