Finding Prime Factors

Name:

Find the prime factors for each number.

1) 82 = _____

2) 59 = _____

3) 89 = _____

4) 19 = _____

5) 22 = _____

6) 66 = _____

7) 30 = _____

8) 12 = _____

9) 52 = _____

10) 90 = _____

11) 84 = _____

12) 47 = _____

13) 99 = _____

14) 35 = _____

15) 61 = _____

16) 68 = _____

17) 93 = _____

18) 53 = _____

19) 9 = _____

20) 34 = _____

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) 82 = 2×41

2) 59 = 59

3) 89 = 89

4) 19 = 19

5) 22 = 2×11

6) 66 = 2×3×11

7) 30 = 2×3×5

8) 12 = 2×2×3

9) 52 = 2×2×13

10) 90 = 2×3×3×5

11) 84 = 2×2×3×7

12) 47 = 47

13) 99 = 3×3×11

14) 35 = 5×7

15) 61 = 61

16) 68 = 2×2×17

17) 93 = 3×31

18) 53 = 53

19) 9 = 3×3

20) 34 = 2×17

Answers

1. 2×41
2. 59
3. 89
4. 19
5. 2×11
6. 2×3×11
7. 2×3×5
8. 2×2×3
9. 2×2×13
10. 2×3×3×5
11. 2×2×3×7
12. 47
13. 3×3×11
14. 5×7
15. 61
16. 2×2×17
17. 3×31
18. 53
19. 3×3
20. 2×17

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