Finding Prime Factors

Name:

Find the prime factors for each number.

1) 96 = _____

2) 23 = _____

3) 6 = _____

4) 51 = _____

5) 35 = _____

6) 32 = _____

7) 13 = _____

8) 70 = _____

9) 71 = _____

10) 79 = _____

11) 83 = _____

12) 99 = _____

13) 44 = _____

14) 60 = _____

15) 64 = _____

16) 11 = _____

17) 86 = _____

18) 47 = _____

19) 18 = _____

20) 31 = _____

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) 96 = 2×2×2×2×2×3
2) 23 = 23
3) 6 = 2×3
4) 51 = 3×17
5) 35 = 5×7
6) 32 = 2×2×2×2×2
7) 13 = 13
8) 70 = 2×5×7
9) 71 = 71
10) 79 = 79
11) 83 = 83
12) 99 = 3×3×11
13) 44 = 2×2×11
14) 60 = 2×2×3×5
15) 64 = 2×2×2×2×2×2
16) 11 = 11
17) 86 = 2×43
18) 47 = 47
19) 18 = 2×3×3
20) 31 = 31

Answers

1. 2×2×2×2×2×3
2. 23
3. 2×3
4. 3×17
5. 5×7
6. 2×2×2×2×2
7. 13
8. 2×5×7
9. 71
10. 79
11. 83
12. 3×3×11
13. 2×2×11
14. 2×2×3×5
15. 2×2×2×2×2×2
16. 11
17. 2×43
18. 47
19. 2×3×3
20. 31

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