Finding Prime Factors

Name:

Find the prime factors for each number.

1) 36 = _____

2) 10 = _____

3) 56 = _____

4) 21 = _____

5) 19 = _____

6) 84 = _____

7) 43 = _____

8) 35 = _____

9) 76 = _____

10) 5 = _____

11) 62 = _____

12) 30 = _____

13) 30 = _____

14) 80 = _____

15) 7 = _____

16) 77 = _____

17) 88 = _____

18) 38 = _____

19) 93 = _____

20) 10 = _____

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) 36 = 2×2×3×3
2) 10 = 2×5
3) 56 = 2×2×2×7
4) 21 = 3×7
5) 19 = 19
6) 84 = 2×2×3×7
7) 43 = 43
8) 35 = 5×7
9) 76 = 2×2×19
10) 5 = 5
11) 62 = 2×31
12) 30 = 2×3×5
13) 30 = 2×3×5
14) 80 = 2×2×2×2×5
15) 7 = 7
16) 77 = 7×11
17) 88 = 2×2×2×11
18) 38 = 2×19
19) 93 = 3×31
20) 10 = 2×5

Answers

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

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