Finding Prime Factors

Name:

Find the prime factors for each number.

1) 11 = _____

2) 48 = _____

3) 83 = _____

4) 27 = _____

5) 41 = _____

6) 92 = _____

7) 75 = _____

8) 82 = _____

9) 34 = _____

10) 86 = _____

11) 74 = _____

12) 45 = _____

13) 65 = _____

14) 40 = _____

15) 28 = _____

16) 90 = _____

17) 32 = _____

18) 44 = _____

19) 55 = _____

20) 19 = _____

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) 48 = 2×2×2×2×3

3) 83 = 83

4) 27 = 3×3×3

5) 41 = 41

6) 92 = 2×2×23

7) 75 = 3×5×5

8) 82 = 2×41

9) 34 = 2×17

10) 86 = 2×43

11) 74 = 2×37

12) 45 = 3×3×5

13) 65 = 5×13

14) 40 = 2×2×2×5

15) 28 = 2×2×7

16) 90 = 2×3×3×5

17) 32 = 2×2×2×2×2

18) 44 = 2×2×11

19) 55 = 5×11

20) 19 = 19

Answers

1. **11**
2. **2×2×2×2×3**
3. **83**
4. **3×3×3**
5. **41**
6. **2×2×23**
7. **3×5×5**
8. **2×41**
9. **2×17**
10. **2×43**
11. **2×37**
12. **3×3×5**
13. **5×13**
14. **2×2×2×5**
15. **2×2×7**
16. **2×3×3×5**
17. **2×2×2×2×2**
18. **2×2×11**
19. **5×11**
20. **19**

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