

## Factoring numbers (1-100) to prime factors

## Grade 6 Factoring Worksheet

Factor the following numbers to their prime factors. Is the number prime?

1.	98 =	2. 40 =
3.	83 =	4. 2 =
5.	87 =	6. 46 =
7.	80 =	8. 89 =
9.	53 =	10. 50 =
11.	69 =	12. 82 =
13.	67 =	14. 76 =
15.	49 =	16. 32 =
17.	47 =	18. 3 =
19.	94 =	20. 9 =



## **Factoring numbers (1-100) to prime factors**

Grade 6 Factoring Worksheet Factor the following numbers to their prime factors. Is the number prime?

1.	98 = <u>2×7×7 (No)</u>	2.	$40 = 2 \times 2 \times 2 \times 5$ (No)
3.	83 = <u>83 (Yes)</u>	4.	2 = <u>2 (Yes)</u>
5.	87 = <u>3×29 (No)</u>	6.	46 = <u>2×23 (No)</u>
7.	80 = <u>2×2×2×5 (No)</u>	8.	89 = <u>89 (Yes)</u>
9.	53 = <u>53 (Yes)</u>	10.	50 = <u>2×5×5 (No)</u>
11.	69 = <u>3×23 (No)</u>	12.	82 = <u>2×41 (No)</u>
13.	67 = <u>67 (Yes)</u>	14.	76 = <u>2×2×19 (No)</u>
15.	49 = <mark>7×7 (No)</mark>	16.	32 = <u>2×2×2×2×2 (No)</u>
17.	47 = <u>47 (Yes)</u>	18.	3 = <u>3 (Yes)</u>
19.	94 = <u>2×47 (No)</u>	20.	9 = <u>3×3 (No)</u>