

Prime Factorization

Name: _____ Score: _____

Find the prime factors of the following numbers.

$20 =$ _____

$16 =$ _____

$24 =$ _____

$40 =$ _____

$25 =$ _____

$75 =$ _____

$60 =$ _____

$14 =$ _____

$22 =$ _____

$85 =$ _____



$12 =$ _____

$48 =$ _____

$50 =$ _____

$100 =$ _____

$55 =$ _____

$21 =$ _____

$52 =$ _____

$61 =$ _____

Answers

Find the prime factors of the following numbers.

$$20 = \underline{2 \times 2 \times 5}$$

$$16 = \underline{2 \times 2 \times 2 \times 2}$$

$$24 = \underline{2 \times 2 \times 2 \times 3}$$

$$40 = \underline{2 \times 2 \times 2 \times 5}$$

$$25 = \underline{5 \times 5}$$

$$75 = \underline{3 \times 5 \times 5}$$

$$60 = \underline{2 \times 2 \times 3 \times 5}$$

$$14 = \underline{2 \times 7}$$

$$22 = \underline{2 \times 11}$$

$$85 = \underline{5 \times 17}$$



$$12 = \underline{2 \times 2 \times 3}$$

$$48 = \underline{2 \times 2 \times 2 \times 2 \times 3}$$

$$50 = \underline{2 \times 5 \times 5}$$

$$100 = \underline{2 \times 2 \times 5 \times 5}$$

$$55 = \underline{5 \times 11}$$

$$21 = \underline{3 \times 7}$$

$$52 = \underline{2 \times 2 \times 13}$$

$$61 = \underline{\text{PRIME}}$$