

(Prime) Factorization

Name: _____ Score: _____

(Prime) factorize of the following numbers.

$165 = \underline{\hspace{2cm}}$

$220 = \underline{\hspace{2cm}}$

$278 = \underline{\hspace{2cm}}$

$155 = \underline{\hspace{2cm}}$

$360 = \underline{\hspace{2cm}}$

$195 = \underline{\hspace{2cm}}$

$300 = \underline{\hspace{2cm}}$

$400 = \underline{\hspace{2cm}}$

$654 = \underline{\hspace{2cm}}$

$194 = \underline{\hspace{2cm}}$



$435 = \underline{\hspace{2cm}}$

$750 = \underline{\hspace{2cm}}$

$555 = \underline{\hspace{2cm}}$

$440 = \underline{\hspace{2cm}}$

$375 = \underline{\hspace{2cm}}$

$625 = \underline{\hspace{2cm}}$

$410 = \underline{\hspace{2cm}}$

$550 = \underline{\hspace{2cm}}$

Answers

(Prime) factorize of the following numbers.

$$165 = \underline{3 \times 5 \times 11}$$

$$220 = \underline{2 \times 2 \times 5 \times 11}$$

$$278 = \underline{2 \times 139}$$

$$155 = \underline{5 \times 31}$$

$$360 = \underline{2 \times 2 \times 2 \times 3 \times 3 \times 5}$$

$$195 = \underline{3 \times 5 \times 13}$$

$$300 = \underline{2 \times 2 \times 3 \times 5 \times 5}$$

$$400 = \underline{2 \times 2 \times 2 \times 2 \times 5 \times 5}$$

$$654 = \underline{2 \times 3 \times 109}$$

$$194 = \underline{2 \times 97}$$



$$435 = \underline{3 \times 5 \times 29}$$

$$750 = \underline{2 \times 3 \times 5 \times 5 \times 5}$$

$$555 = \underline{3 \times 5 \times 37}$$

$$440 = \underline{2 \times 2 \times 2 \times 5 \times 11}$$

$$375 = \underline{3 \times 5 \times 5 \times 5}$$

$$625 = \underline{5 \times 5 \times 5 \times 5}$$

$$410 = \underline{2 \times 5 \times 41}$$

$$550 = \underline{2 \times 5 \times 5 \times 11}$$