



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

504

240

216

378

120

315

180

270

392

432



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

504

$$= 2 \times 2 \times 2 \times 3 \times 3 \times 7$$

240

$$= 2 \times 2 \times 2 \times 2 \times 3 \times 5$$

216

$$= 2 \times 2 \times 2 \times 3 \times 3 \times 3$$

378

$$= 2 \times 3 \times 3 \times 3 \times 7$$

120

$$= 2 \times 2 \times 2 \times 3 \times 5$$

315

$$= 3 \times 3 \times 5 \times 7$$

180

$$= 2 \times 2 \times 3 \times 3 \times 5$$

270

$$= 2 \times 3 \times 3 \times 3 \times 5$$

392

$$= 2 \times 2 \times 2 \times 7 \times 7$$

432

$$= 2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 3$$