



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

432

336

294

210

320

252

729

360

245

140



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

432

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

336

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

294

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

210

$$= 2 \times 3 \times 5 \times 7$$

320

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

252

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

729

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

360

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

245

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

140

$$= 2 \times 2 \times 5 \times 7$$