



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

180

168

245

200

343

324

294

648

256

175



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

180

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

168

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

245

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

200

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

343

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

324

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

294

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

648

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

256

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

175

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