



# Prime Factorization of 3-Digit Number

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

270

216

567

320

384

432

245

504

144

175



Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

270

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

216

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

567

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

320

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

384

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

432

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

245

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

504

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

144

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

175

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