



# Prime Factorization of 3-Digit Number

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

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

288

405

315

225

378

392

512

441

504

280



## Prime Factorization of 3-Digit Number

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

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

288

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

405

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

315

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

225

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

378

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

392

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

512

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

441

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

504

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

280

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