



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

405

280

200

320

486

196

648

120

343

315



Prime Factorization of 3-Digit Number

Name: _____

Date: _____ Score: _____

$$405$$
$$= 3 \times 3 \times 3 \times 3 \times 5$$

$$280$$
$$= 2 \times 2 \times 2 \times 5 \times 7$$

$$200$$
$$= 2 \times 2 \times 2 \times 5 \times 5$$

$$320$$
$$= 2 \times 2 \times 2 \times 2 \times 2 \times 5$$

$$486$$
$$= 2 \times 3 \times 3 \times 3 \times 3 \times 3$$

$$196$$
$$= 2 \times 2 \times 7 \times 7$$

$$648$$
$$= 2 \times 2 \times 2 \times 3 \times 3 \times 3 \times 3$$

$$120$$
$$= 2 \times 2 \times 2 \times 3 \times 5$$

$$343$$
$$= 7 \times 7 \times 7$$

$$315$$
$$= 3 \times 3 \times 5 \times 7$$