



Prime Factorization

Name: _____

Date: _____

Score: _____

Direction: Prime factorize each number. Show your work in the space provided.

1) 90

2) 189

3) 105

4) 84

5) 630

6) 225



Prime Factorization

Version 2

Name: _____

Date: _____

Score: _____

Direction: Prime factorize each number. Show your work in the space provided.

1) 90

$$2 \cdot 3^2 \cdot 5$$

2) 189

$$3^3 \cdot 7$$

3) 105

$$3 \cdot 5 \cdot 7$$

4) 84

$$2^2 \cdot 3 \cdot 7$$

5) 630

$$2 \cdot 3^2 \cdot 5 \cdot 7$$

6) 225

$$3^2 \cdot 5^2$$