



# Prime Factorization

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

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

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

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

1) 56

2) 72

3) 88

4) 108

5) 252

6) 336



# Prime Factorization

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

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

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

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

1) 56

$$2^3 \cdot 7$$

2) 72

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

3) 88

$$2^3 \cdot 11$$

4) 108

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

5) 252

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

6) 336

$$2^4 \cdot 3 \cdot 7$$