

Prime Factorization Practice

Name _____

List the prime factorization of each number below.

1. 12

2. 40

3. 75

4. 32

5. 44

6. 150

7. 108

8. 96

9. 72

10. 200

List the prime factorization of each number below.

1. 12

$$\boxed{2^2 \cdot 3}$$

2. 40

$$\boxed{2^3 \cdot 5}$$

3. 75

$$\boxed{3 \cdot 5^2}$$

4. 32

$$\boxed{2^5}$$

5. 44

$$\boxed{2^2 \cdot 11}$$

6. 150

$$\boxed{2 \cdot 3 \cdot 5^2}$$

7. 108

$$\boxed{2^2 \cdot 3^3}$$

8. 96

$$\boxed{2^5 \cdot 3}$$

9. 72

$$\boxed{2^3 \cdot 3^2}$$

10. 200

$$\boxed{2^3 \cdot 5^2}$$