

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

Class: \_\_\_\_\_

## Prime numbers

List the prime factors for each number. Is the number prime?

1. **51 =** \_\_\_\_\_

2. **72 =** \_\_\_\_\_

3. **71 =** \_\_\_\_\_

4. **3 =** \_\_\_\_\_

5. **68 =** \_\_\_\_\_

6. **67 =** \_\_\_\_\_

7. **30 =** \_\_\_\_\_

8. **11 =** \_\_\_\_\_

9. **62 =** \_\_\_\_\_

10. **1 =** \_\_\_\_\_

11. **89 =** \_\_\_\_\_

12. **52 =** \_\_\_\_\_

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

Class: \_\_\_\_\_

## Prime numbers

List the prime factors for each number. Is the number prime?

1.  $51 = 3 \times 17$  (No)

2.  $72 = 2 \times 2 \times 2 \times 3 \times 3$  (No)

3.  $71 = 71$  (Yes)

4.  $3 = 3$  (Yes)

5.  $68 = 2 \times 2 \times 17$  (No)

6.  $67 = 67$  (Yes)

7.  $30 = 2 \times 3 \times 5$  (No)

8.  $11 = 11$  (Yes)

9.  $62 = 2 \times 31$  (No)

10.  $1 = 1$  (No)

11.  $89 = 89$  (Yes)

12.  $52 = 2 \times 2 \times 13$  (No)