

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

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

## Prime and composite numbers

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

1.  $6 =$  \_\_\_\_\_

2.  $56 =$  \_\_\_\_\_

3.  $71 =$  \_\_\_\_\_

4.  $24 =$  \_\_\_\_\_

5.  $4 =$  \_\_\_\_\_

6.  $418 =$  \_\_\_\_\_

7.  $3 =$  \_\_\_\_\_

8.  $7 =$  \_\_\_\_\_

9.  $16 =$  \_\_\_\_\_

10.  $574 =$  \_\_\_\_\_

11.  $911 =$  \_\_\_\_\_

12.  $76 =$  \_\_\_\_\_

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

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

## Prime and composite numbers

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

1.  $6 = 2 \times 3$  (No)

2.  $56 = 2 \times 2 \times 2 \times 7$  (No)

3.  $71 = 71$  (Yes)

4.  $24 = 2 \times 2 \times 2 \times 3$  (No)

5.  $4 = 2 \times 2$  (No)

6.  $418 = 2 \times 11 \times 19$  (No)

7.  $3 = 3$  (Yes)

8.  $7 = 7$  (Yes)

9.  $16 = 2 \times 2 \times 2 \times 2$  (No)

10.  $574 = 2 \times 7 \times 41$  (No)

11.  $911 = 911$  (Yes)

12.  $76 = 2 \times 2 \times 19$  (No)