

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

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

# Prime numbers

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

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

2.  $11 =$  \_\_\_\_\_

3.  $2 =$  \_\_\_\_\_

4.  $9 =$  \_\_\_\_\_

5.  $8 =$  \_\_\_\_\_

6.  $99 =$  \_\_\_\_\_

7.  $93 =$  \_\_\_\_\_

8.  $40 =$  \_\_\_\_\_

9.  $74 =$  \_\_\_\_\_

10.  $58 =$  \_\_\_\_\_

11.  $29 =$  \_\_\_\_\_

12.  $21 =$  \_\_\_\_\_

13.  $50 =$  \_\_\_\_\_

14.  $95 =$  \_\_\_\_\_

15.  $6 =$  \_\_\_\_\_

16.  $28 =$  \_\_\_\_\_

17.  $82 =$  \_\_\_\_\_

18.  $5 =$  \_\_\_\_\_

19.  $97 =$  \_\_\_\_\_

20.  $61 =$  \_\_\_\_\_

21.  $7 =$  \_\_\_\_\_

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

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

## Prime numbers

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

1.  $1 = 1$  (No)
2.  $11 = 11$  (Yes)
3.  $2 = 2$  (Yes)
4.  $9 = 3 \times 3$  (No)
5.  $8 = 2 \times 2 \times 2$  (No)
6.  $99 = 3 \times 3 \times 11$  (No)
7.  $93 = 3 \times 31$  (No)
8.  $40 = 2 \times 2 \times 2 \times 5$  (No)
9.  $74 = 2 \times 37$  (No)
10.  $58 = 2 \times 29$  (No)
11.  $29 = 29$  (Yes)
12.  $21 = 3 \times 7$  (No)
13.  $50 = 2 \times 5 \times 5$  (No)
14.  $95 = 5 \times 19$  (No)
15.  $6 = 2 \times 3$  (No)
16.  $28 = 2 \times 2 \times 7$  (No)
17.  $82 = 2 \times 41$  (No)
18.  $5 = 5$  (Yes)
19.  $97 = 97$  (Yes)
20.  $61 = 61$  (Yes)
21.  $7 = 7$  (Yes)