

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



# Which Numbers are Prime Numbers?

For Example: 3 (Yes)    9    3 x 3 (No)

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

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

2. 2 = \_\_\_\_\_

3. 32 = \_\_\_\_\_

4. 44 = \_\_\_\_\_

5. 54 = \_\_\_\_\_

6. 95 = \_\_\_\_\_

7. 77 = \_\_\_\_\_

8. 79 = \_\_\_\_\_

9. 59 = \_\_\_\_\_

10. 52 = \_\_\_\_\_

11. 1 = \_\_\_\_\_

12. 5 = \_\_\_\_\_

13. 30 = \_\_\_\_\_

14. 3 = \_\_\_\_\_

15. 8 = \_\_\_\_\_

16. 97 = \_\_\_\_\_

17. 92 = \_\_\_\_\_

18. 9 = \_\_\_\_\_

19. 4 = \_\_\_\_\_

20. 38 = \_\_\_\_\_

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



# Which Numbers are Prime Numbers?

For Example: 3 (Yes)    9    3 x 3 (No)

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

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

2.  $2 = 2$  (Yes)

3.  $32 = 2 \times 2 \times 2 \times 2 \times 2$  (No)

4.  $44 = 2 \times 2 \times 11$  (No)

5.  $54 = 2 \times 3 \times 3 \times 3$  (No)

6.  $95 = 5 \times 19$  (No)

7.  $77 = 7 \times 11$  (No)

8.  $79 = 79$  (Yes)

9.  $59 = 59$  (Yes)

10.  $52 = 2 \times 2 \times 13$  (No)

11.  $1 = 1$  (No)

12.  $5 = 5$  (Yes)

13.  $30 = 2 \times 3 \times 5$  (No)

14.  $3 = 3$  (Yes)

15.  $8 = 2 \times 2 \times 2$  (No)

16.  $97 = 97$  (Yes)

17.  $92 = 2 \times 2 \times 23$  (No)

18.  $9 = 3 \times 3$  (No)

19.  $4 = 2 \times 2$  (No)

20.  $38 = 2 \times 19$  (No)