

## **Multiples and Factoring Test**

Note: You may use a calculator.

1. Find the first ten multiples of each number. Remember, you have to write the actual number as the first multiple or the computer will mark your answer as incorrect.

a. 5: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

b. 7: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

c. 9: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

d. 11: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

2. Click on the numbers which are not multiples of 4.

4

18

20

24

40

34

3. Type the factor pairs and list the factors for each number in ascending order.

A. 15

\_\_\_\_\_ x \_\_\_\_\_

\_\_\_\_\_ x \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

B. 24

\_\_\_\_ x \_\_\_\_  
 \_\_\_\_ x \_\_\_\_  
 \_\_\_\_ x \_\_\_\_  
 \_\_\_\_ x \_\_\_\_

\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

C. 36

\_\_\_\_ x \_\_\_\_  
 \_\_\_\_ x \_\_\_\_  
 \_\_\_\_ x \_\_\_\_  
 \_\_\_\_ x \_\_\_\_  
 \_\_\_\_ x \_\_\_\_

\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

D. When a number has only 2 factors ( 1 and itself) we call it a prime number. 11 is a prime number. It's factors are 1 and 11.

Find another prime number that is less than 20. \_\_\_\_\_

