

## **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

$$\begin{array}{r} \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \end{array}$$

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

B. 24

$$\begin{array}{r} \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \end{array}$$

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

C. 36

$$\begin{array}{r} \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \end{array}$$

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

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. \_\_\_\_\_

