Exam Practice

Mark with an X the option with the answer with the correct divisor of the numbers given based on the divisibility criteria.

I.   **513** can be divisible by ___

(   ) 5   (   ) 4   (   ) 9

II.   **946** can be divisible by ___

(   ) 2   (   ) 3   (   ) 10

III.   **180** can be divisible by ___

(   ) 5   (   ) 6   (   ) 2

IV.   **624** can be divisible by ___

(   ) 7   (   ) 3   (   ) 2

V.   **512** can be divisible by ___

(   ) 4   (   ) 5   (   ) 3

Mark with an X the option with the correct prime or composite numbers.

I.   _____ is a prime number

(   ) 21   (   ) 11   (   ) 9

II.   _____ is a composite number

(   ) 12   (   ) 17   (   ) 5

III.   _____ is a prime number

(   ) 14   (   ) 55   (   ) 13

IV.   _____ is a composite number

(   ) 41   (   ) 36   (   ) 83
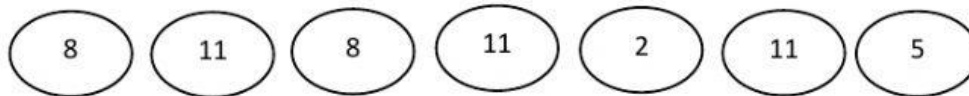
Write three multiples' examples of what has been asked.

a) Write the multiples of 4 that are between 20 and 49:

_____   _____   _____

b) Write the multiples of 7 that are between 12 and 30:

_____   _____   _____

c) Write the multiples of 9 that are between 30 and   70:

_____   _____   _____

Find the mean, median, mode and range with the information given.

People coming to a store in the week

| 8 | 11 | 8 | 11 | 2 | 11 | 5 |

Mode: _____   Median: _____

Range: _____   Mean: _____

Complete each chart of divisors with two numbers of the ones given.

9 - 11 - 6 - 8 - 3 - 7 – 5 – 2

| Divisors of 21 | Divisors of 32 | Divisors of 55 |

_____   _____   _____

_____   _____   _____

Solve math problems about multiplications and divisions.

a) Marlen must make 36 cupcakes for a party. She needs to pack them in boxes with 3 cupcakes each. How many cupcakes will each pack have?

b) There are 9 candies in a bag. How many candies will be in 5 bags?

c) Ants have 6 legs. If I found 12 ants how many legs will I count?

d) Luke has 18 slices of pizza. He wants to share them with his 9 family members. How will many slices have each member?