Highest Common Factors and Lowest Common Multiples

**LCM**

Q1. Write down the first 6 multiples of

2 - \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

3 - \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

Circle all the numbers that are multiples of 2 **and** 3.

Which of these numbers is the smallest?

Q2. Write down the first 6 multiples of

 5 - \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

 4 - \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

Circle all the numbers that are multiples of 5 **and** 4.

Which of these numbers is the smallest?

Q3. Write down the first 6 multiples of

 4 - \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

 6 - \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

Circle all the numbers that are multiples of 6 **and** 4.

Which of these numbers is the smallest?

 Now find……

* The LCM of 5 and 7
* The LCM of 9 and 3
* The HCF of 15 and 9
* The HCF of 36 and 44

**HCF**

Q1. Find all the factors of

 12 10

Circle the numbers that are factors of 12 **and** 10.

Which of these numbers is the biggest?

Q2. Find all the factors of

1. 6

Circle the numbers that are factors of 24 **and** 6.

Which of these numbers is the biggest?

Q3. Find all the factors of

1. 30

Circle the numbers that are factors of 70 **and** 30.

Which of these numbers is the biggest?