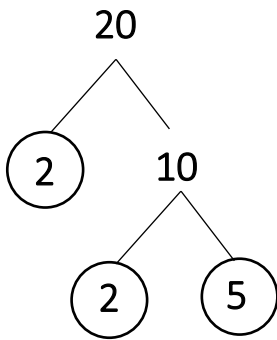


Highest Common Factor and Lowest Common Multiple

1. (2) (3) (5) (7) (11) (13) (17) (19) These numbers are.....

2. Write each number as a product of its prime factors.



24

45

80

$$= 2 \times 2 \times 5$$

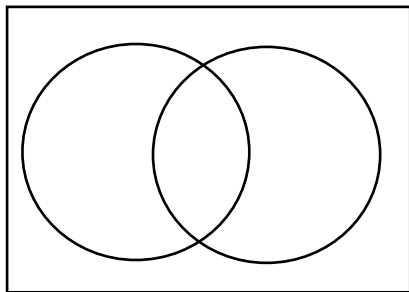
$$= 2^2 \times 5$$

3. Find the HCF and the LCM of each pair using a Venn diagram.

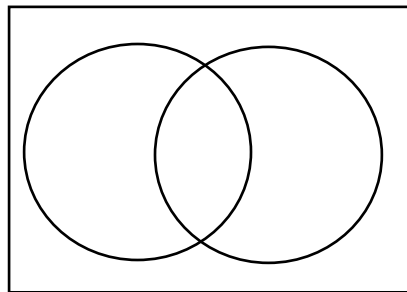
20 and 12

18 and 30

100 and 15



HCF = LCM =



HCF = LCM =

Highest Common Factor and Lowest Common Multiple

5. Identify the HCF and the LCM from the sets of data.

$$A = 2 \times 2 \times 2 \times 5$$

$$B = 2 \times 2 \times 3$$

$$HCF = \quad LCM =$$

$$A = 2 \times 3 \times 3 \times 5$$

$$A = 2 \times 3 \times 5 \times 7$$

$$HCF = \quad LCM =$$

6. Identify the HCF and the LCM from the sets of data.

$$A = 2^2 \times 3^2 \times 7$$

$$B = 2 \times 3^2 \times 5$$

$$HCF = \quad LCM =$$

$$A = 2 \times 3^3 \times 7$$

$$B = 2^2 \times 3 \times 5^2$$

$$HCF = \quad LCM =$$

7. The HCF of 2 numbers is 5.

The LCM of the same two numbers is 90.

What