

Name : \_\_\_\_\_

## Least Common Multiple

Sheet 1

Find the least common multiple for each pair of numbers.

1) 6, 9

Multiples of 6 : \_\_\_\_\_

Multiples of 9 : \_\_\_\_\_

LCM(6, 9) = \_\_\_\_\_

2) 12, 36

Multiples of 12 : \_\_\_\_\_

Multiples of 36 : \_\_\_\_\_

LCM(12, 36) = \_\_\_\_\_

3) 2, 3

Multiples of 2 : \_\_\_\_\_

Multiples of 3 : \_\_\_\_\_

LCM(2, 3) = \_\_\_\_\_

4) 20, 4

Multiples of 20 : \_\_\_\_\_

Multiples of 4 : \_\_\_\_\_

LCM(20, 4) = \_\_\_\_\_

5) 10, 5

Multiples of 10 : \_\_\_\_\_

Multiples of 5 : \_\_\_\_\_

LCM(10, 5) = \_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

Sheet 1

### Least Common Multiple

Find the least common multiple for each pair of numbers.

1) 6, 9

Multiples of 6 : 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, ...

Multiples of 9 : 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, ...

LCM(6, 9) = 18

2) 12, 36

Multiples of 12 : 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, ...

Multiples of 36 : 36, 72, 108, 144, 180, 216, 252, 288, 324, 360, ...

LCM(12, 36) = 36

3) 2, 3

Multiples of 2 : 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, ...

Multiples of 3 : 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ...

LCM(2, 3) = 6

4) 20, 4

Multiples of 20 : 20, 40, 60, 80, 100, 120, 140, 160, 180, 200, ...

Multiples of 4 : 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, ...

LCM(20, 4) = 20

5) 10, 5

Multiples of 10 : 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, ...

Multiples of 5 : 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ...

LCM(10, 5) = 10