

# Least Common Multiple

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

Date: \_\_\_\_\_

Find the smallest multiple that both numbers have in common.

1) **6, 3**

Multiples of 6 = \_\_\_\_\_

Multiples of 3 = \_\_\_\_\_

LCM (6, 3)

2) **12, 11**

Multiples of 12 = \_\_\_\_\_

Multiples of 11 = \_\_\_\_\_

LCM (12, 11)

3) **4, 8**

Multiples of 4 = \_\_\_\_\_

Multiples of 8 = \_\_\_\_\_

LCM (4, 8)

4) **11, 8**

Multiples of 11 = \_\_\_\_\_

Multiples of 8 = \_\_\_\_\_

LCM (11, 8)

5) **10, 4**

Multiples of 10 = \_\_\_\_\_

Multiples of 4 = \_\_\_\_\_

LCM (10, 4)

6) **7, 12**

Multiples of 7 = \_\_\_\_\_

Multiples of 12 = \_\_\_\_\_

LCM (7, 12)

# Least Common Multiple

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

Date: \_\_\_\_\_

Find the smallest multiple that both numbers have in common.

1) **6, 3**

Multiples of 6 = 6, 12, 18, 24, 30, 36

Multiples of 3 = 3, 6, 9, 12, 15, 18

LCM (6, 3)

6

2) **12, 11**

Multiples of 12 = 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144

Multiples of 11 = 11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121, 132

LCM (12, 11)

132

3) **4, 8**

Multiples of 4 = 4, 8, 12, 16, 20, 24, 28, 32

Multiples of 8 = 8, 16, 24, 32, 40, 48, 56, 64

LCM (4, 8)

8

4) **11, 8**

Multiples of 11 = 11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121

Multiples of 8 = 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88

LCM (11, 8)

88

5) **10, 4**

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

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

LCM (10, 4)

20

6) **7, 12**

Multiples of 7 = 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84

Multiples of 12 = 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144

LCM (7, 12)

84