

# Least Common Multiple

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

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

Find the smallest multiple that both numbers have in common.

1) **3, 5**

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

Multiples of 5 = \_\_\_\_\_

LCM (3, 5)

2) **7, 2**

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

Multiples of 2 = \_\_\_\_\_

LCM (7, 2)

3) **5, 4**

Multiples of 5 = \_\_\_\_\_

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

LCM (5, 4)

4) **3, 8**

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

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

LCM (3, 8)

5) **9, 6**

Multiples of 9 = \_\_\_\_\_

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

LCM (9, 6)

6) **6, 3**

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

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

LCM (6, 3)

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Find the smallest multiple that both numbers have in common.

1) **3, 5**

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

Multiples of 5 = 5, 10, 15, 20, 25

LCM (3, 5)

15

2) **7, 2**

Multiples of 7 = 7, 14, 21, 28, 35, 42, 49

Multiples of 2 = 2, 4, 6, 8, 10, 12, 14

LCM (7, 2)

14

3) **5, 4**

Multiples of 5 = 5, 10, 15, 20, 25

Multiples of 4 = 4, 8, 12, 16, 20

LCM (5, 4)

20

4) **3, 8**

Multiples of 3 = 3, 6, 9, 12, 15, 18, 21, 24

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

LCM (3, 8)

24

5) **9, 6**

Multiples of 9 = 9, 18, 27, 36, 45, 54, 63, 72, 81

Multiples of 6 = 6, 12, 18, 24, 30, 36, 42, 48, 54

LCM (9, 6)

18

6) **6, 3**

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

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

LCM (6, 3)

6