

Least Common Multiple

Name: _____

Date: _____

Find the smallest multiple that both numbers have in common.

1) **5, 7**

Multiples of 5 = _____

Multiples of 7 = _____

LCM (5, 7)

2) **6, 12**

Factors of 6 = _____

Multiples of 12 = _____

LCM (6, 12)

3) **3, 6**

Multiples of 3 = _____

Multiples of 6 = _____

LCM (3, 6)

4) **9, 5**

Multiples of 9 = _____

Multiples of 5 = _____

LCM (9, 5)

5) **11, 5**

Multiples of 11 = _____

Multiples of 5 = _____

LCM (11, 5)

6) **2, 8**

Multiples of 2 = _____

Multiples of 8 = _____

LCM (2, 8)

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Find the smallest multiple that both numbers have in common.

1) **5, 7**

Multiples of 5 = 5, 10, 15, 20, 25, 30, 35

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

LCM (5, 7)

35

2) **6, 12**

Multiples of 6 = 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72

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

LCM (6, 12)

12

3) **3, 6**

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

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

LCM (3, 6)

6

4) **9, 5**

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

Multiples of 5 = 5, 10, 15, 20, 25, 30, 35, 40, 45

LCM (9, 5)

45

5) **11, 5**

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

Multiples of 5 = 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55

LCM (11, 5)

55

6) **2, 8**

Multiples of 2 = 2, 4, 6, 8, 10, 12, 14, 16

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

LCM (2, 8)

8