

Least Common Multiple

Name: _____

Date: _____

Find the smallest multiple that both numbers have in common.

1) **2, 9**

Multiples of 2 = _____

Multiples of 9 = _____

LCM (2, 9)

2) **3, 6**

Multiples of 3 = _____

Multiples of 6 = _____

LCM (3, 6)

3) **5, 9**

Multiples of 5 = _____

Multiples of 9 = _____

LCM (5, 9)

4) **8, 10**

Multiples of 8 = _____

Multiples of 10 = _____

LCM (8, 10)

5) **4, 7**

Multiples of 4 = _____

Multiples of 7 = _____

LCM (4, 7)

6) **4, 2**

Multiples of 4 = _____

Multiples of 2 = _____

LCM (4, 2)

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Name: _____

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Find the smallest multiple that both numbers have in common.

1) **2, 9**

Multiples of 2 = 2, 4, 6, 8, 10, 12, 14, 16, 18

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

LCM (2, 9)

18

2) **3, 6**

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

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

LCM (3, 6)

6

3) **5, 9**

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

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

LCM (5, 9)

45

4) **8, 10**

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

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

LCM (8, 10)

40

5) **4, 7**

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

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

LCM (4, 7)

28

6) **4, 2**

Multiples of 4 = 4, 8, 12, 16

Multiples of 2 = 2, 4, 6, 8

LCM (4, 2)

4