

Name : _____

Least Common Multiple

Sheet 5

Find the least common multiple for each pair of numbers.

1) 2, 5

Multiples of 2 : _____

Multiples of 5 : _____

LCM(2, 5) = _____

2) 14, 21

Multiples of 14 : _____

Multiples of 21 : _____

LCM(14, 21) = _____

3) 49, 7

Multiples of 49 : _____

Multiples of 7 : _____

LCM(49, 7) = _____

4) 9, 45

Multiples of 9 : _____

Multiples of 45 : _____

LCM(9, 45) = _____

5) 3, 18

Multiples of 3 : _____

Multiples of 18 : _____

LCM(3, 18) = _____

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Least Common Multiple

Find the least common multiple for each pair of numbers.

1) 2, 5

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

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

LCM(2, 5) = 10

2) 14, 21

Multiples of 14 : 14, 28, 42, 56, 70, 84, 98, 112, 126, 140, 154, 168, 182, 196, 210, ...

Multiples of 21 : 21, 42, 63, 84, 105, 126, 147, 168, 189, 210, ...

LCM(14, 21) = _____

3) 49, 7

Multiples of 49 : 49, 98, 147, 196, 245, 294, 343, 392, 441, 490, ...

Multiples of 7 : 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91, 98, 105, 112, 119, 126, 133, 140, 147, 154, 161, 168, 175, 182, 189, 196, 203, 210, 217, 224, 231, 238, 245, 252, 259, 266, 273, 280, 287, 294, 301, 308, 315, 322, 329, 336, 343, 350, 357, 364, 371, 378, 385, 392, 399, 406, 413, 420, 427, 434, 441, 448, 455, 462, 469, 476, 483, 490, ...

LCM(49, 7) = _____

4) 9, 45

Multiples of 9 : 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108, 117, 126, 135, 144, 153, 162, 171, 180, 189, 198, 207, 216, 225, 234, 243, 252, 261, 270, 279, 288, 297, 306, 315, 324, 333, 342, 351, 360, 369, 378, 387, 396, 405, 414, 423, 432, 441, 450, ...

Multiples of 45 : 45, 90, 135, 180, 225, 270, 315, 360, 405, 450, ...

LCM(9, 45) = 45

5) 3, 18

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

Multiples of 18 : 18, 36, 54, 72, 90, 108, 126, 144, 162, 180, ...

LCM(3, 18) = 18

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