

Name : _____

Least Common Multiple

Sheet 3

Find the least common multiple for each pair of numbers.

1) 9, 27

Multiples of 9 : _____

Multiples of 27 : _____

LCM(9, 27) = _____

2) 8, 5

Multiples of 8 : _____

Multiples of 5 : _____

LCM(8, 5) = _____

3) 6, 4

Multiples of 6 : _____

Multiples of 4 : _____

LCM(6, 4) = _____

4) 66, 22

Multiples of 66 : _____

Multiples of 22 : _____

LCM(66, 22) = _____

5) 12, 3

Multiples of 12 : _____

Multiples of 3 : _____

LCM(12, 3) = _____

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Name : _____

Answer key

Sheet 3

Least Common Multiple

Find the least common multiple for each pair of numbers.

1) 9, 27

Multiples of 9 : 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, ...

Multiples of 27 : 27, 54, 81, 108, 135, 162, 189, 216, 243, 270, ...

LCM(9, 27) = 27

2) 8, 5

Multiples of 8 : _____

Multiples of 5 : _____

LCM(8, 5) = _____

3) 6, 4

Multiples of 6 : _____

Multiples of 4 : _____

LCM(6, 4) = _____

4) 66, 22

Multiples of 66 : 66, 132, 198, 264, 330, 396, 462, 528, 594, 660, ...

Multiples of 22 : 22, 44, 66, 88, 110, 132, 154, 176, 198, 220, ...

LCM(66, 22) = 66

5) 12, 3

Multiples of 12 : 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, ...

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

LCM(12, 3) = 12

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