## Least Common Multiple

**Find the LCM.**

**1.** 2, 7

Multiples of 2: 2, 4, 6, 8, 10, 12, 14
Multiples of 7: 7, 14

LCM: __**14**__

**2.** 4, 12

LCM: _____

**3.** 10, 4

LCM: _____

**4.** 6, 9

LCM: _____

**5.** 5, 4

LCM: _____

**6.** 8, 10

LCM: _____

**7.** 8, 20

LCM: _____

**8.** 5, 8, 4

LCM: _____

**9.** 12, 8, 24

LCM: _____

**Write the unknown number for the ▧.**

**10.** 3, ▧     LCM: 21

▧ = _____

**11.** ▧, 7     LCM: 63

▧ = _____

**12.** 10, 5     LCM: ▧

▧ = _____

## Problem Solving Real World

**13.** Juanita is making necklaces to give as presents. She plans to put 15 beads on each necklace. Beads are sold in packages of 20. What is the least number of packages she can buy to make necklaces and have no beads left over?

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**14.** Pencils are sold in packages of 10, and erasers are sold in packages of 6. What is the least number of pencils and erasers you can buy so that there is one pencil for each eraser with none left over?

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