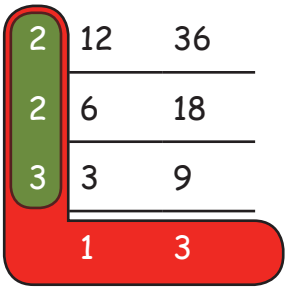
Greatest Common Factors

Ladder method to identify LCM & GCF

- Write the two numbers on one line.
- Draw the shape
- Divide out common prime numbers starting with the smallest
- LCM makes an L: (numbers in green & red)
- GCF is down the left side (numbers in green):



LCM = 2 x 2 x 3 x 1 x 3 = 36

GCF = 2 x 2 x 3 = 12

Find the greatest common factor.

i. (20, 14) =

ii. (5, 35) =

iii. (39, 12) =

iv. (14, 34) =

v. (30, 24) =

vi. (40, 5) =

© Copyright 2017 BeeOne Media Pvt. Ltd. All Rights Reserved.