



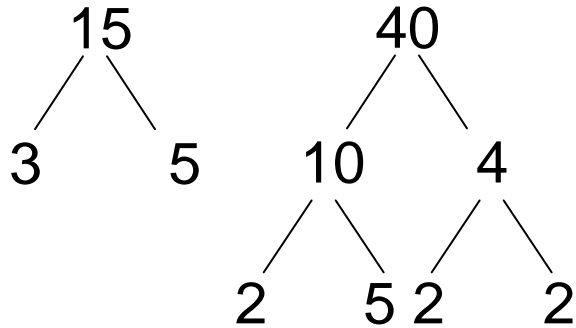
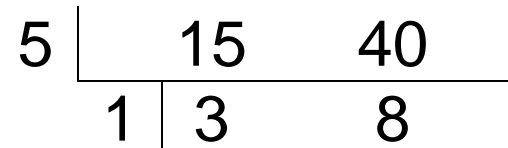
3 methods to finding GCF

A quick
reference sheet



3 METHODS TO FINDING GCF

Problem: Find the GCF of 15 and 40

Tree Method	Factor Method	Ladder Method
 <p> $15 = 3 * 5$ $40 = 2 * 2 * 2 * 5$ </p> <p>Compare the sets of numbers. Multiply the numbers they have in common together. In this case the GCF is 5.</p>	<p>factors of 15 – $15 = 1 * 15$ $3 * 5$</p> <p>factors of 40 – $40 = 1 * 40$ $2 * 20$ $4 * 10$ $8 * 5$</p> <p>15- 1, 3, 5, 15 40- 1, 2, 4, 5, 8, 10, 20, 40</p> <p>The GCF is the largest factor the numbers have in common. In this case the GCF is 5</p>	 <p>(look at the numbers on the “outside steps” of the ladder and multiply)</p> <p>GCF = 1 * 5 = 5</p>



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