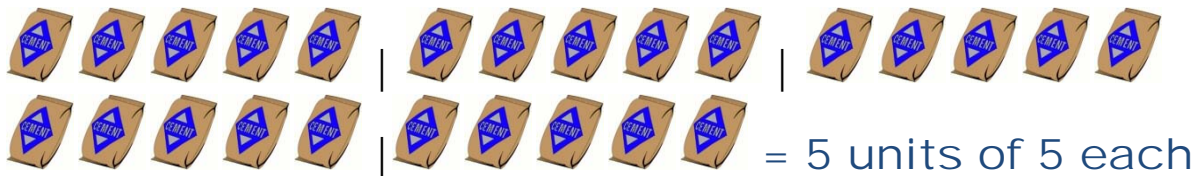


Recognizing Proportional Relationships

A proportion is a statement that two ratios are equivalent.

$3:5 = 15:25$ is a proportion or $\frac{3}{5} = \frac{15}{25}$

Sand and cement are mixed in a ratio of 3:5. How much cement would we mix with 15 buckets of sand?



We can see that 3 units of sand must equal 15 bags, so one unit equals 5 and 5 units of cement equals 25.

The amount of sand and cement are in proportion.