## Ratio




## Ratio and Fractions/ Proportion



The ratio of apples to blueberries is $3: 5$
The fraction of apples is $3 / 8$ and the fraction of blueberries is $5 / 8$.


The ratio of blue to red is $\mathbf{3 : 2}$
The fraction of blue is $3 / 5$ and the fraction of red is $2 / 5$.

## Proportion

Proportions are different to ratios. Rather than comparing different parts to one another, proportion compares one section to the whole amount (like fractions).


Example: In every pack of 11 balls, 1 ball is a basketball. Therefore, if there were 44 balls, 4 would be basketballs.

## Key Vocabulary

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| Ratio | Proportion | Scale Factor | Ratio Language | Scale Drawings | Similar Shapes | Recipes | 'For every... there are...' |

