Solve problems involving unequal quantities.



This stick has twice as many red cubes as blue cubes. Draw other sticks which also have twice as many red cubes as blue cubes, but with a different total number of cubes.

All your sticks have twice as many red cubes as blue cubes. Although they have different numbers of cubes, they all have the same <u>ratio</u> of red to blue cubes. The ratio is 2 red cubes for every 1 blue cube. We can write this ratio as 2:1.

These fractions are the same for all your sticks too!

What fraction of the stick is red? 4 parts out of 6, $\frac{4}{6}$, simplifying to $\frac{2}{3}$. What fraction of the stick is blue? 2 parts out of 6, $\frac{2}{6}$

simplifying to $1/_3$.

Solve problems involving unequal quantities.

