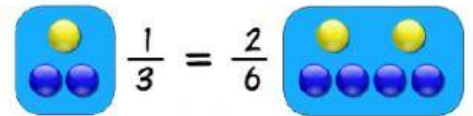


Ratios and proportions vocabulary match

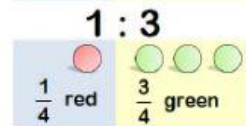
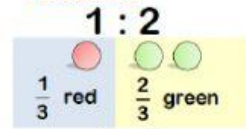
Cross product



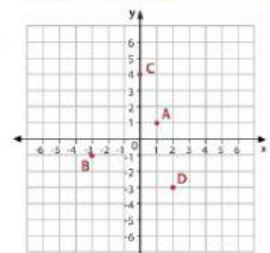
Ratios

(2, 8)
y-coordinate
x-coordinate

Proportional



Complex fractions



Proportion

Time (min.)	Distance (ft.)
0	4
2	10
4	16
6	22

$$\frac{1}{5} \cdot \frac{2}{10} = \frac{2}{22} \cdot \frac{3}{11}$$

Non proportional

$$\frac{12}{x} = \frac{30}{75}$$

$$30 \cdot x = 12 \cdot 75$$

$$30x = 900$$

$$x = 30$$

Ordered pairs

Time (min.)	Distance (ft.)
0	0
2	6
4	12
6	18

Coordinate plane

$$\frac{2}{6} = \frac{6}{18}$$

$$\frac{4}{3}, \frac{2}{4}, \frac{3}{9}$$