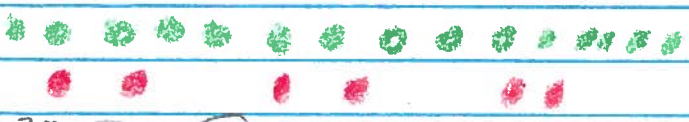
Try it

$\frac{G}{R} = \frac{5}{2}$ //



30 $\frac{5}{2} \times \frac{15}{6}$ 30 Yes - proportionate

Determine if they are proportionate?

① $\frac{5}{8} \times \frac{20}{32}$ 160 160 Yes

② $\frac{X}{50} \times \frac{150}{43}$ 344 No

③ $\frac{12}{32} \times \frac{8}{3}$ 36 256 No

Solving

use cross products and solve for x

$\frac{3}{5} \times \frac{x}{12}$

$5 \cdot x = 3 \cdot 12$

$\frac{5x}{5} = \frac{36}{5}$

$x = 7.2$

① $\frac{4}{7} \times \frac{5}{x}$

$4 \cdot x = 5 \cdot 7$

$\frac{4x}{4} = \frac{35}{4}$

$x = 8.75$

② $\frac{16}{x} \times \frac{12}{9}$

$12 \cdot x = 16 \cdot 9$

$\frac{12x}{12} = \frac{144}{12}$

$x = 12$

③ $\frac{x}{7.3} \times \frac{4}{1.2}$

$1.2x = 7.3 \cdot 4$

$\frac{1.2x}{1.2} = \frac{29.2}{1.2}$

$x = 24.3$

See last page in NB

* add a page for practice