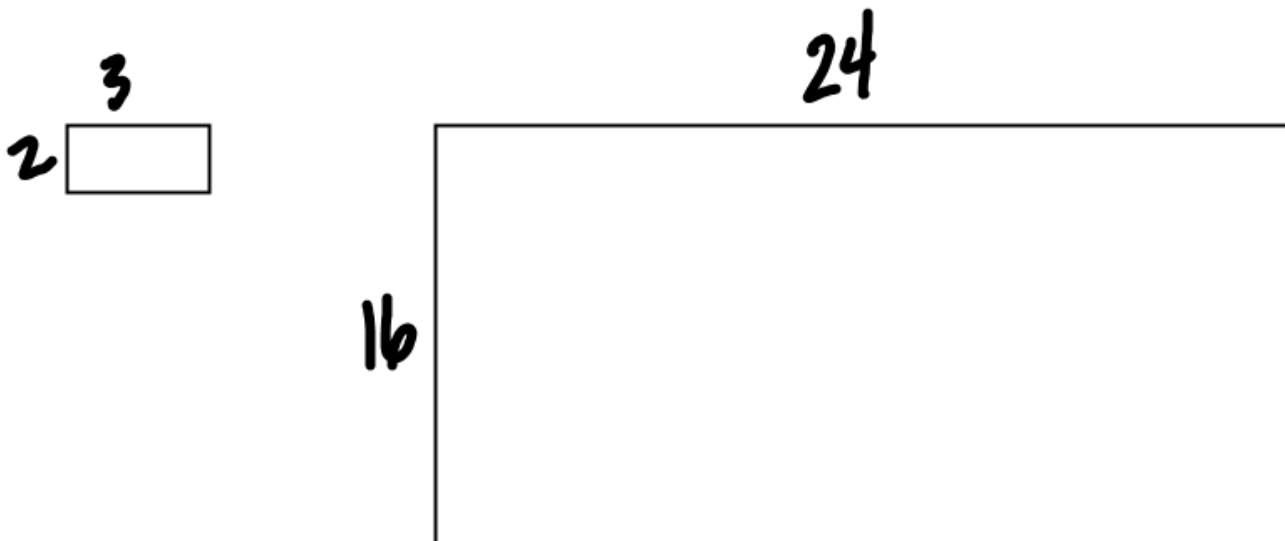


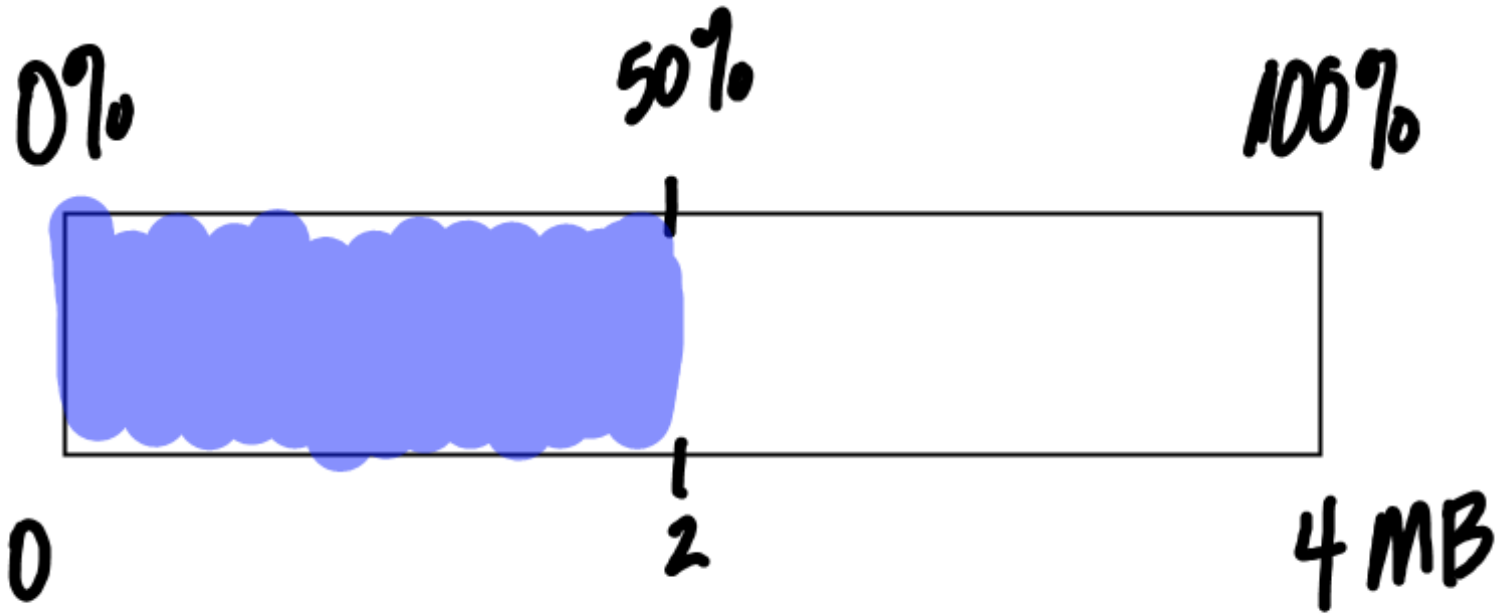
$$\frac{3}{2} = \frac{24}{x}$$

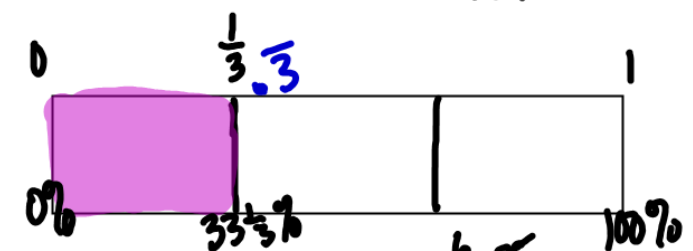
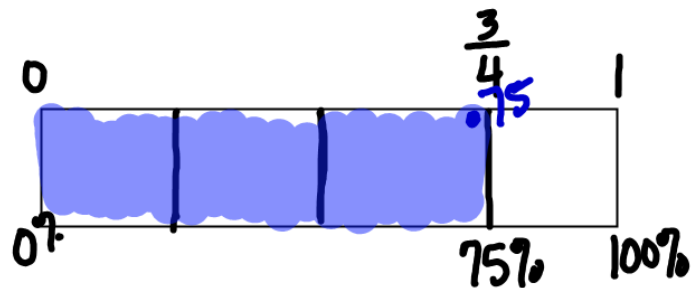
Handwritten red arrows indicate the cross-multiplication process: one arrow from 3 to x labeled "x8" and another from 2 to 24 labeled "x8".

$$x = 16 \text{ cm}$$

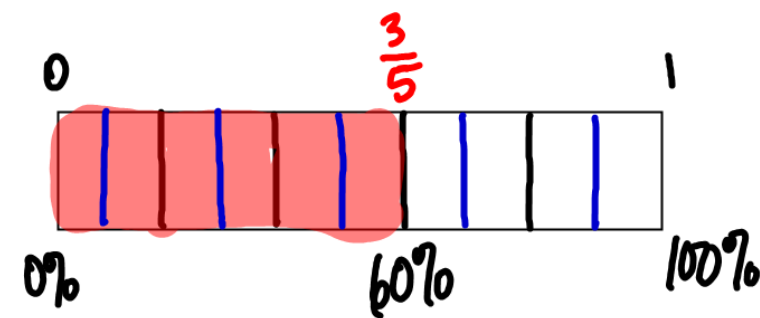
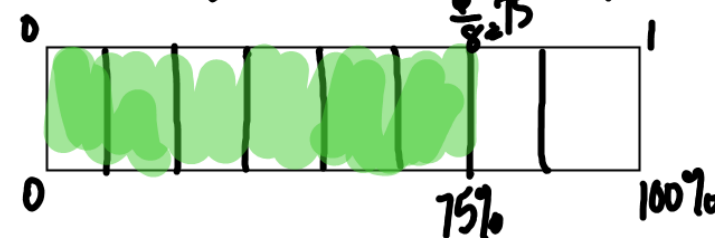


Percents 3.7





$$\begin{array}{r} 3 \overline{) 1.000} \\ \underline{-9} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$



$$5 \overline{) 3.0} \quad \text{60\%}$$

$$\frac{3}{5} = \frac{6}{10} = \frac{60}{100}$$

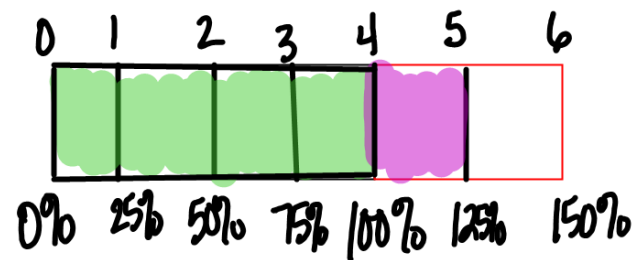
$$\frac{5}{4} = 1.25$$

$$= 1\frac{1}{4}$$

$$1.25 \rightarrow 125\%$$

Decimal \rightarrow %

Move decimal 2 places to the right
Decimal times 100



$$\frac{5}{4}$$

Percent out of 100

$$\frac{3}{4} \times \frac{75}{100} = \frac{225}{400} = 75\%$$

$$\frac{9}{5} = 4.5$$

$$\frac{75}{100} = 75\%$$

$$\frac{8}{10} = 80\%$$

$$.23 = 23\%$$

$$.79 = 79\%$$

$$.2 = 20\%$$

$$.6 = 60\%$$

$$\begin{aligned} \frac{333333}{1000000} &= 33.333\% \\ &= 33\frac{1}{3}\% \end{aligned}$$

% \rightarrow Decimal

Move decimal 2 places to left

30% .3

45% .45

125% 1.25

.01% .0001

3.96% .0396

1st year
\$ 40

2% increase

2% of 40

.02 (40)

$$\begin{array}{r} .02 \\ \times 40 \\ \hline .80 \end{array}$$

2nd year

40 + .80

\$ 40.80

p 174

6-50 E