

Rearrange Formula

1. Solve for x

a) $\frac{x}{m} - \frac{x}{n} = \frac{1}{p}$

b) $\frac{3ax+2}{c} = 4d$

2. Solve for m .

$$t = \frac{ms}{m+n}$$

3. Solve for u .

$$\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$$

4. Solve for s .

$$A = s^2$$

5. Solve for h .

$$V = \pi r^2 h$$

Rearrange Formula

1. Solve for x

$$\text{a) } \frac{x}{m} - \frac{x}{n} = \frac{1}{p}$$

$$x = \frac{nm}{(n-m)p}$$

$$\text{b) } \frac{3ax+2b}{c} = 4d$$

$$x = \frac{4cd - 2b}{3a}$$

2. Solve for m .

$$t = \frac{ms}{m+n}$$

$$m = \frac{nt}{s-t}$$

3. Solve for u .

$$\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$$

$$u = \frac{vf}{v-f}$$

4. Solve for s .

$$A = s^2$$

$$s = \pm\sqrt{A}$$

5. Solve for h .

$$V = \pi r^2 h$$

$$h = \frac{V}{\pi r^2}$$