

## Rearranging Equations

Make  $x$  as the subject in each problem.

$$1) \quad \frac{\sqrt{p(x^2 - 27)}}{2} = p^2$$

$$2) \quad 5 = \frac{c(13 + x)}{m} + \frac{23c + 37x}{m}$$

$$3) \quad d = \frac{\frac{(x + 12)}{12}}{(x + 12)}$$

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$$k(x - 1)$$

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$$5) \quad \frac{1}{\sqrt{6-t}} = \sqrt{\dots}$$

$$b^3 = -2b^2(b + 10)$$

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$$3) \quad d = \frac{(x + 12)}{(x + 12)}$$

$$5) \quad \frac{1}{\sqrt{6 - t}} = \sqrt{\dots}$$

$$x = \pm \sqrt{4p^3}$$

$$x = 12d + 4$$

$$x = \frac{55 - 8t}{t - 5}$$

$$x = \sqrt[3]{\frac{20b^2 + a}{11}}$$

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$$\frac{6c}{7}$$

$$k(x - 1)$$

$$k$$

$$b^3 = -2b^2(b + 10)$$