

6.6 Answers

GCSE Mathematics Algebra, Rearranging Formulae

6.6.1 Solutions to Square both sides Example 6.2

$$x = 16g^2 - 3$$

6.6.2 Solutions to Square Root both sides Example 6.3

$$x = \pm \sqrt{2mf - k}$$

6.6.3 Solutions to Exercise 6.4

Answer 1

$$x = 25p^2 - w$$

Answer 2

$$x = \pm \sqrt{2h - u}$$

Answer 3

$$x = \frac{9}{s^2}$$

Answer 4

$$x = \pm \sqrt{\frac{1}{h + k - 7f}}$$

Answer 5

$$x = 49m^2 - 5$$

Answer 6

$$x = \pm \sqrt{8df + 7}$$

Answer 7

$$x = 49m^2$$

Answer 8

$$x = \frac{c + p}{16}$$

Answer 9

$$x = \pm \sqrt{\frac{kp}{3m}}$$

Answer 10

$$x = \pm \sqrt{36w^2 - 5}$$

Answer 11

$$x = \pm \sqrt{\frac{w(3 + s)}{g} - m}$$

Answer 12

$$x = \frac{144t^2}{z^2} - 5$$