

7.3 Solutions to Exercise 7.2

GCSE Mathematics Algebra, Rearranging Formulae

Answer 1

$$a = 75w^2$$

Answer 3

$$w = \pm \sqrt{\frac{2.4}{s} + m}$$

Answer 5

$$c = \pm \sqrt{9p^2 + 5k}$$

Answer 7

$$f = \frac{9v^2}{w^2} - 3g$$

Answer 9

$$w = \frac{12}{h - 15}$$

Answer 2

$$u = \frac{15e^2 + 21s - v}{4}$$

Answer 4

$$m = \frac{y - c}{x}$$

Answer 6

$$b = 16t + 40 + 32h$$

Answer 8

$$z = \pm \sqrt{\frac{1}{6r + 3y}}$$

$$\text{or } z = \pm \frac{1}{\sqrt{6r + 3y}}$$

Answer 10

$$p = \pm \frac{4c}{\sqrt{15a + 10b}}$$