

Green Belt Maths Qualifier Answers

Section 1 (essential knowledge)

Calculate the following:

$$\sqrt{25} = 5$$

$$6^2 = 36$$

$$\frac{24}{8} = 3$$

$$7 - 12 = -5$$

$$10\% \text{ of } 212 = 21.2$$

Section 2 (essential knowledge)

What does x equal in the following?

$$x + 4 = 8 \quad (x = 4)$$

$$x - 16 = 32 \quad (x = 48)$$

$$\frac{x}{3} = 9 \quad (x = 27)$$

$$\sqrt{x} = 12 \quad (x = 144)$$

$$x^2 = 81 \quad (x = 9)$$

Section 3 (can be taught during the Green Belt training but good to know beforehand)

What does x equal in the following?

$$6(x + 1) = 18 \quad (x = 2)$$

$$\left(\frac{27}{x}\right)^2 = 81 \quad (x = 3)$$

$$\text{if } p = 0.5 \text{ what is the answer to this? } p(1 - p) \quad (p = 0.25)$$

$$\text{What is } 3\% \text{ expressed as a proportion? } 0.03$$