Green Belt Maths Qualifier Answers

If you can complete the following maths questions, then you will be comfortable with the maths on our Green Belt training courses.

Section 1 (essential knowledge)

Calculate the following:

$\sqrt{25} =$ 5

$6^2 =$ 36

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

$7 - 12 =$ -5

10% of 212 = 21.2

Section 2 (essential knowledge)

What does x equal in the following?

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

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

$\dfrac{x}{3} = 9$ (x = 27)

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

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

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

What does x equal in the following?

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

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

if p = 0.5 what does x equal? $x = p(1 - p)$ (x = 0.25)

What is 3% expressed as a proportion? 0.03