

Solve using the quadratic formula

r $x = 1.2$
or $x = -4.2$

e $x = 0.3$
or $x = -7.3$

x $x = -0.3$
or $x = -0.7$

p $x = -0.3$
or $x = -1.5$

h $x = 2.8$
or $x = 0.7$

e $x = 1.6$
or $x = 0.2$

o $x = 2.8$
or $x = 0.2$

m $x = 1.9$
or $x = -0.4$

l $x = 3.3$
or $x = -0.8$

p $x = 0.2$
or $x = -1.6$

c $x = 1.2$
or $x = -0.2$

y $x = 0.3$
or $x = -1.8$

Crack the code!

$$x^2 + 7x + 2 = 0$$

$$2x^2 - 7x = -4$$

$$x^2 + 7x - 2 = 0$$

$$3x = 1 - 2x^2$$

$$2x^2 = 5x + 5$$

$$5x^2 + 9x + 2 = 0$$

$$3x^2 + 4x = 1$$

$$4x^2 - 7x + 1 = 0$$

$$6x^2 - 9x = 4$$

$$x^2 + 3x - 5$$

$$3x^2 + 2 = 9x$$

$$4x^2 = 4x + 1$$

Answer to 1 d.p.

Match the solution letter with the equation

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$