

$$b = -7$$

$$a = 2$$

$$-b = 7$$

$$c = 4$$

Solve $2x^2 - 7x + 4 = 0$ to 2 d.p.

$$\begin{aligned}\sqrt{(b^2 - 4ac)} &= \sqrt{((-7)^2 - 4 \times 2 \times 4)} \\ &= 4.123 \text{ (keep to 3 decimal places)}\end{aligned}$$

$$\frac{(-b + 4.123)}{2a}$$

$$\frac{(-b - 4.123)}{2a}$$

$$2a$$

$$2a$$

$$\frac{(7 + 4.123)}{2 \times 2}$$

$$\frac{(7 - 4.123)}{2 \times 2}$$

$$2 \times 2$$

$$2 \times 2$$

$$x = 2.78$$

$$x = 0.72$$

(Answers to 2 decimal place)