

# Princess Vulnavia presents ... Cloud 9; Revision Raindrops

## Surd Form: The Roots of a Quadratic Equation

Raindrop 4a: Exercise Write the roots of the quadratic equation:  $4x^2 + 2x - 7 = 0$   
in surd form.

The answer follows on the next page ...

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Raindrop 4a: Exercise Write the roots of the quadratic equation:  $4x^2 - 2x - 7 = 0$   
in surd form.

Answer:  $x = \frac{1}{4}(1 - \sqrt{29})$  or  $x = \frac{1}{4}(1 + \sqrt{29})$