

Name: _____

5-a-day

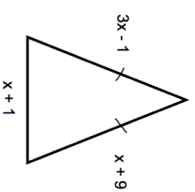
Higher

27th July



Solve $2x^2 - 5x - 1 = 0$ using the quadratic formula.

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Find the perimeter.

Find x.

Find the area.

Two ordinary fair dice are rolled.

Work out the probability that at least one of the dice does not land on a 2.

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The distance of the moon to the Earth is 384,400 km.

The speed of light is 2.998×10^8 m/s.

Work out how long it will take light to travel from the moon to the Earth. Include suitable units.

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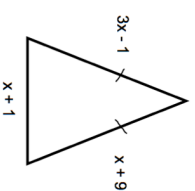
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