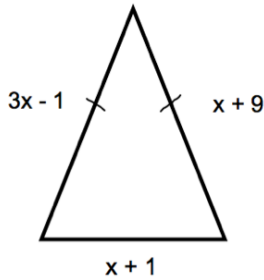


**27th July**

Corbettmaths

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



Find  $x$ .

Find the perimeter.

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.

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

The speed of light is  $2.998 \times 10^8$  m/s.

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