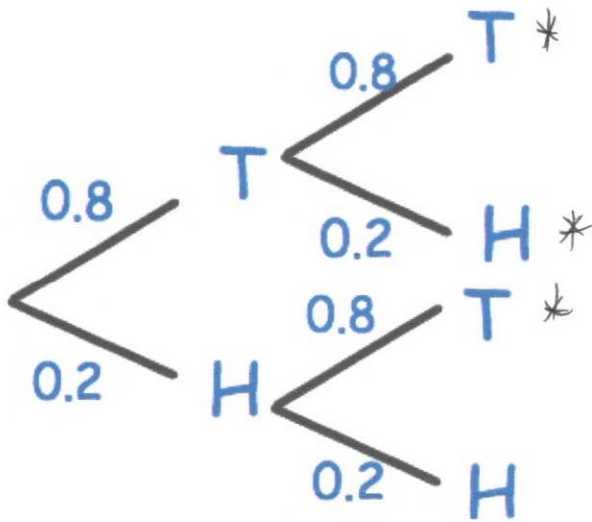


19th January



Corbettmaths



A biased coin is flipped twice.

Work out the probability of a tail and a tail.

$$0.8 \times 0.8 = 0.64$$

Work out the probability of at least one tail.

$$0.64 + 0.16 + 0.16 = 0.96$$

Solve $x^2 - 2x - 15 = 0$

$$(x - 5)(x + 3) = 0$$

$$x = 5 \text{ or } x = -3$$

Estimate 87.8×2.1
0.199

$$\approx \frac{90 \times 2}{0.2}$$

$$\frac{180}{0.2} = \frac{1800}{2}$$

$$= 900$$

5.62 has been truncated to two decimal places.

Write down an inequality to show the range of possible actual values.

$$5.62 \leq n < 5.63$$