



Work out the product of

$$\sqrt[4]{81} \quad \sqrt{36} \quad \sqrt[3]{125}$$

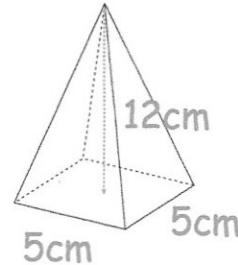
$$3 \times 6 \times 5$$

90

Work out the volume of this square based pyramid.

$$\frac{1}{3} \times 5 \times 5 \times 12$$

$$= 100 \text{ cm}^3$$

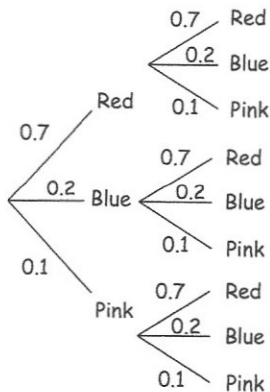


The probability that a spinner lands on red is 0.7

The probability that the spinner lands on blue is 0.2

The probability that the spinner lands on pink is 0.1

The spinner is spun twice.



Find the probability that the spinner lands on blue twice.

$$0.2 \times 0.2$$

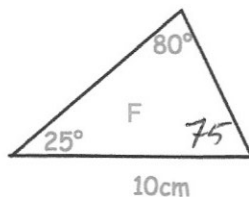
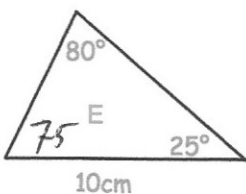
$$= 0.04$$

Find the probability that the spinner lands on the same colour twice.

$$P(RR) = 0.7 \times 0.7 = 0.49$$

$$P(PP) = 0.1 \times 0.1 = 0.01$$

0.54



State the condition why the two triangles are congruent.

ASA