

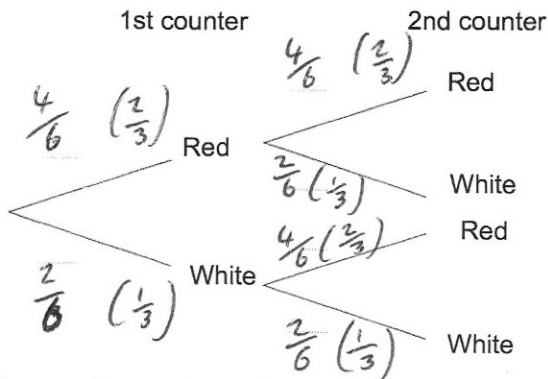


Factorise $y^2 - 25$

$$(y-5)(y+5)$$

Factorise $x^2 - 7x + 10$

$$(x-5)(x-2)$$



Complete the probability tree diagram.

George has a bag of marbles.
 There are 4 red and 2 white marbles.
 George takes out a marble at random
 and records the colour.
 George puts the marble back into the
 bag and then takes out another marble.

Find the probability that the two marbles are white

$$\frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$$

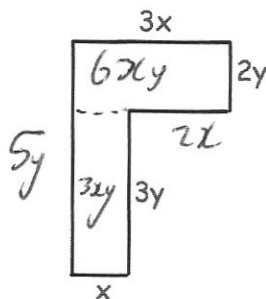
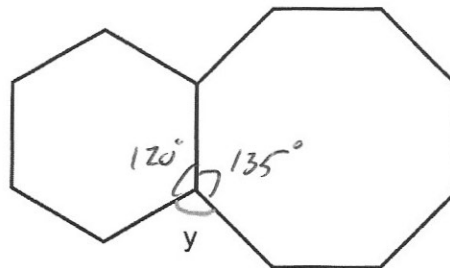
Shown is a regular hexagon and regular octagon.

Find y

$$720 \div 6 = 120$$

$$1080 \div 8 = 135$$

$$360 - 120 - 135 = 105^\circ$$



Find an expression for the area of the L shape.

$$9xy$$