

Simplify $\sqrt{63}$

$$\sqrt{9} \times \sqrt{7}$$

$$3\sqrt{7}$$

Yvonne truncates a number, y to 1 decimal place.

Her result is 2.7

Write down the error interval for y

$$2.7 \leq y < 2.8$$

Factorise

$$3y^2 - 10y + 3$$

$$(3y - 1)(y - 3)$$

Find where the lines $y = 2x - 5$ and $y = x$ cross.

$$x = 2x - 5$$

$$x = 5$$

$$(5, 5)$$

A bag contains 6 yellow sweets and 6 blue sweets.

A sweet is taken out at random, it is replaced, and another is taken out.

Find the probability that at least one sweet is blue.

$$P(YY) = \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

$$1 - \frac{1}{4} = \frac{3}{4}$$