

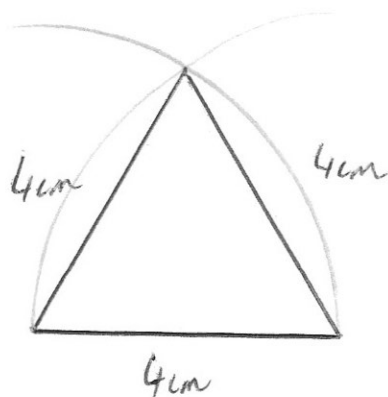
Write down the inequality shown on the number line

$$x > -2$$

Factorise $x^2 - 2x - 63$

$$(x - 9)(x + 7)$$

In the space below, use ruler and compasses to construct an equilateral triangle with sides of length 4cm.



A fish tank, filled completely with water, has sprung a leak, at the base of the tank.

3% of the water is lost every minute.

What percentage of the water is lost from the tank after ten minutes?

$$100 \times 0.97^{10} = 73.74\dots$$

$$100 - 73.74\dots = 26.257\dots$$

$$26.26\%$$