



Solve the simultaneous equations

$$2x + y = 7$$

$$3x - y = 8$$

Factorise $x^2 - x - 12$

Write 5.2×10^{-4} as an ordinary number.

Find the n th term of

90 80 70 60

Find the 100th term.

It would take 48 days for 5 builders to build a house.

How much longer would it take if only 4 builders built the house?

State one assumption you made in working out your answer