

# **M3 = 34 days to go!**

4 Jenny opens a “Charity Bank Account”. Any interest gained goes to a local charity.

It pays 2% per annum simple interest.

She puts £1500 into the account.

She does not make any deposits or withdrawals.

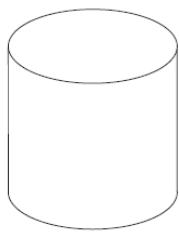
How much interest will the charity have received after 3 years?

15 Expand and simplify

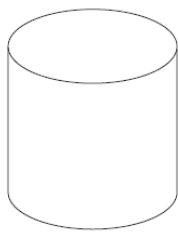
$$4(2x - 3) - 2(x - 5)$$

Answer \_\_\_\_\_ [2]

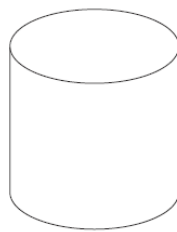
11 Three identical barrels are collecting rainwater.



A



B



C

Barrel A is  $\frac{3}{4}$  full.

Barrel B is  $\frac{5}{6}$  full.

Barrel C is  $\frac{2}{3}$  full.

The water in Barrel C is poured into Barrels A and B.

Can Barrels A and B be filled?

**You must show working to justify your answer.**