

M7 = 5 days to go!

Three angles are in the ratio 2 : 3 : 5

The smallest angle is 50°

Work out the sizes of the other two angles

..... and
(2)

5. Work out, giving each answer in standard form.



(a)

$$(4 \times 10^5) \times (2 \times 10^4)$$

.....
(2)

(b)

$$(5 \times 10^6) \times (7 \times 10^8)$$

.....
(2)

6. David buys 2 DVDs and 2 CDs in a shop and in total they cost £18.
Ellie buys 3 DVDs and 2 CDs in the same shop and they cost £22.

Form two equations and solve to find the cost of each DVD and each CD.

$$\text{DVD} = \text{£}..... \text{CD} = \text{£}.....$$

(4)

7. Solve the simultaneous equations

$$\begin{aligned} 2x + 4y &= 26 \\ 3x - y &= 4 \end{aligned}$$

Do not use trial and improvement

$$x = y =$$

(3)