

4th March

Foundation Plus 5-a-day



Corbettmaths

5.5kg of plums and 2kg of peaches cost a total of £6.26

3.5 kg of plums cost £2.66

Work out the cost of 1kg of peaches.

$$£2.66 \div 3.5 = 76p \text{ per kg}$$

$$76p \times 5.5 = £4.18$$

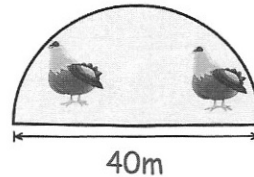
$$£6.26 - £4.18 = £2.08$$

$$£2.08 \div 2 = £1.04$$

A farmer is building a pen for her chickens.

Each metre of fencing costs £3.

Work out the total cost of the fencing.



$$\frac{1}{2} (\pi \times 40) + 40 = 102.83$$

$$102.83 \times 3 = £308.49 \quad / £308.50 \quad / £309$$

Make w the subject of

$$a = 4w - 3$$

$$+3 \quad +3$$

$$a + 3 = 4w$$

$$\div 4 \quad \div 4$$

$$w = \frac{a+3}{4}$$

Find the gradient of the line passing through the points (1, 6) and (3, 15).

$$\frac{9}{2} = 4.5$$



Find the size of the angle labelled x

C A 4

$$\cos x = \frac{5}{12}$$

$$\cos^{-1} \frac{5}{12} = 65.4^\circ$$

