

m2 = 8 days to go!

14

Northern Gas

Standing charge is 9.71 pence per day

Gas costs 4.27 pence per unit

Colin's gas meter was read on 1st September. The reading was

1	4	3	7	9
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The meter was read again on 1st December. The reading was

2	2	1	9	9
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(a) Complete the box to show the number of units used.

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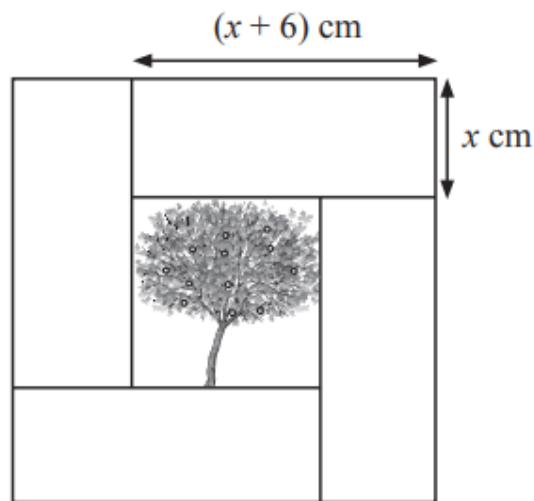
[1]

(b) Calculate the total gas bill that Colin will have to pay for the 91 days from 1st September, after VAT is charged at 5% on the total.

Answer £ _____ [4]

- 9 Four identical rectangular tiles surround a picture as shown in the diagram to form a frame.

The sides of the rectangular tile are x cm and $(x + 6)$ cm.



- (a) Find a formula for the perimeter P of the frame in its simplest form.

Answer $P =$ _____ [2]

- (b) What is the area of the picture?

Answer _____ cm^2 [2]

Write 0.00733 correct to 2 significant figures.

Answer _____ [1]