

M3 = 6 days to go!

22 (a) Write 1620 as a product of its prime factors.

Answer _____ [2]

(b) Hence write down

(i) three square factors of 1620

Answer _____ [2]

(ii) one cube factor of 1620

Answer _____ [1]

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
---	---	---	---	---

The meter was read again on 1st December. The reading was

2	2	1	9	9
---	---	---	---	---

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

--	--	--	--	--

[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]