

UTILITY BILLS PRACTISE

① 7. The gas meter readings at the beginning and the end of a period were:

7 5 4 6

7 7 9 2

The cost of the gas is 12p for each unit.
There is also a fixed charge of £22.25.
Calculate the cost of the gas.

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② 7. Mr. and Mrs. Gann received their electricity bill. The details were as follows:

Present meter reading	54261
Previous meter reading	52815
Charge per unit	6.52 pence per unit
Service Charge	£10.56
VAT	5%

Showing all your working, find the total cost of the electricity including VAT.

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8. Mr. and Mrs. Franks received their electricity bill. The details were as follows.

Present meter reading	47982
Previous meter reading	46329
Charge per unit	7.3 pence per unit
Service Charge	£11.25
VAT	5%

Showing all your working, find the total cost of the electricity including VAT.

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5. Christopher has received his gas bill for the period June to August. The details of the bill are as follows.

Number of units of gas used is 7939.
 The cost of one unit of gas is 1.52 pence.
 Number of days in this period is 92.
 The Standing Charge is 10.39 pence per day.

(a) Find, in pounds, the total cost of the gas, including the standing charge, for the June to August period. Show your working.

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(b) V.A.T. at 5% is charged on gas bills. How much is Christopher's gas bill including V.A.T.? Give your answer in pounds, correct to the nearest penny.

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8. Colin's gas bill for the period April 1st - June 30th is calculated from the following information.

Number of units used	198
Charge per unit	43.8p
Number of days in this period	91
Service charge per day	13.39p
VAT	5%

Showing all your working, find the total cost of the gas including VAT.

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7. The electricity meter readings at the beginning and the end of a period were:

Reading at the end of the period

6	6	7	5
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Reading at the beginning of the period

6	5	4	3
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The cost of the electricity is 13p per unit.
There is also a fixed charge of £22.25.
Complete the following table to find the total cost.

Reading at the end of the period	6675
Reading at the beginning of the period	6543
Number of units used	
Cost of the units in £	£
Fixed charge	£22.25
Total cost	£

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16. Mr. Jones' electricity account with Welsh Energy, with some of the entries removed, is shown below.
 He pays for his electricity by monthly direct debit payments. He gets a discount of £24.25 for paying in that way. Use the information given on the account to complete all of the missing entries and to calculate the balance in Mr. Jones' account.

Welsh Energy			Electricity		
Account					
<i>Period: 1st March 2009 to 31st May 2009</i>					
J Jones 13 Richmond Road Newport					
Meter reading last time	Meter reading this time	Tariff C-Customer reading E-Estimated reading	Units used	Price of each unit in pence	Amount £
7354	9734	Units used	.....	11.25	.....
		Quarterly charge			27.14
		Total charges			.....
		VAT at 5% of the total charge			.....
		Balance from previous quarter			21.37 CR
		Total to pay			.....
		Payments received			
		Direct Debit Discount			24.25 CR
		Payment received 18th March 2009			85.00 CR
		Payment received 18th April 2009			85.00 CR
		Payment received 18th May 2009			85.00 CR
		Balance to carry forward to next quarter		

Working

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16. Mr. Williams' electricity account with Energy UK, with some of the entries removed, is shown below.
He pays for his electricity by monthly direct debit payments. He gets a discount of £26.25 for paying in that way. Use the information given on the account to complete all of the missing entries and to calculate the balance in Mr Williams' account.

<i>Energy UK</i>		Electricity Account			
<i>Period: 1st July 2010 to 30th September 2010</i>					
Mr. Williams 54 Alder Road Cardiff					
Meter reading last time	Meter reading this time	Tariff C-Customer reading E-Estimated reading	Units used	Price of each unit in pence	Amount £
4865	6469	Units used	.....	12.5	.....
		Quarterly charge			30.26
		Total charge before V.A.T.			.....
		V.A.T. at 5% of the total charge			.....
		Balance from previous quarter			17.82
		Total to pay			.....
<i>Payments received</i>					
		Direct Debit Discount			26.25 CR
		Payment received 28 th July 2010			80.00 CR
		Payment received 28 th August 2010			80.00 CR
		Payment received 28 th September 2010			80.00 CR
		Balance to carry forward to next quarter		

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