

MNU 3-09a

Outcome 1 - Simple Interest and Credit Cards

Calculate the interest on...

1

Interest Rate = 9% p.a.
Calculate the interest on
£800 after 3 months.

3

Interest Rate = 2.7% p.a.
Calculate the interest
on £1600 after 8 months.

5

Interest Rate = 3.8% p.a.
Calculate the interest on
£4000 after 6 months.

7

A.P.R. = 14.8%
Calculate the interest
on £10 000 after 5 months.

9

A.P.R. = 29.5%
Calculate the interest
on £5000 after 11 months.

2

Interest Rate = 6% p.a.
Calculate the interest on
£850 after 7 months.

4

Interest Rate = 6.5% p.a.
Calculate interest the
on £7400 after 4 months.

6

A.P.R. = 23%
Calculate the interest on
£6800 after 9 months.

8

A.P.R. = 24.7%
Calculate the interest on
£9900 after 7 months.

10

A.P.R. = 34.6%
Calculate the interest on
£1950 after 10 months.

Homework 5

Outcome 2 - Utility Bills

Scottish Energy

Cost per unit = 12.9p

1

Previous Reading = 08541
Current Reading = 08743

3

Previous Reading = 02087
Current Reading = 02298

5

Previous Reading = 02057
Current Reading = 02376

O4 Mobile Tariff

£20 a month 150 mins
unlimited texts 250 mb data
(then 12p per min and £2 per mb)

9

Mins used = 243
Data used = 252 Total = ?

Gold Level

For each electricity
bill calculate...

(a) Units used (b) Sub Total
(c) VAT (6%) (d) Total

2

Previous Reading = 09168
Current Reading = 09453

4

Previous Reading = 06893
Current Reading = 07387

6

Previous Reading = 04189
Current Reading = 04485

7

Mins used = 157
Data used = 254 Total = ?

8

Mins used = 200
Data used = 256 Total = ?

10

Mins used = 300
Data used = 259 Total = ?

Outcome 3 - Hire Purchase

Calculate the installments for the following items...

1

H.P. price = £210
Deposit = £36
6 equal installments of £? each.

3

H.P. price = £409
Deposit = £76
9 equal installments of £? each.

5

H.P. price = £813
Deposit = £120
7 equal installments of £? each.

7

H.P. price = £922
Deposit = £97
11 equal installments of £? each.

9

H.P. price = £8199
Deposit = £2367
36 equal installments of £? each.

2

H.P. price = £547
Deposit = £87
10 equal installments of £? each.

4

H.P. price = £684
Deposit = £92
8 equal installments of £? each.

6

H.P. price = £183
Deposit = £43
5 equal installments of £? each.

8

H.P. price = £1697
Deposit = £89
24 equal installments of £? each.

10

H.P. price = £14 170
Deposit = £3850
48 equal installments of £? each.

Outcome 4 - Foreign Exchange

Using the exchange rates provided, change the following
currencies...

Exchange Rates :-

£1 = €1.23 £1 = 10.2 yuan
£1 = \$1.62 £1 = 85.7 rupees
£1 = 129.9 yen £1 = 2.85 lira

1

£33.57 → ? dollars

3

£73.45 → ? lira

5

£174.84 → ? yuan

7

3098.52 rupees → £ ?

9

342.6 yuan → £ ?

2

£54.83 → ? yen

4

£65.78 → ? rupees

6

89.72 lira → £ ?

8

48.98 dollars → £ ?

10

4362.87 yen → £ ?