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MNU 3-09a

Homework 5

Gold Level



Z

Outcome 1 - Simple Interest and Credit Cards

Calculate the interest on...



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



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

Interest Rate = 3.8% p.a.

Calculate the interest on

£4000 after 6 months.

Calculate the interest

Calculate the interest

on £10 000 after 5 months.

on f.5000 after 11 months.

A.P.R. = 14.8%

A.P.R. = 29.5%

Interest Rate = 9% p.a.

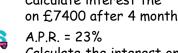
f.800 after 3 months.

Calculate the interest on



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







Calculate the interest on £6800 after 9 months.



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

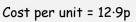


A.P.R. = 34.6% Calculate the interest on f.1950 after 10 months.



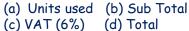
Outcome 2 - Utility Bills

Scottish Energy



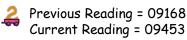


For each electricity bill calculate...

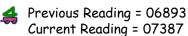




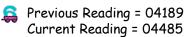
Previous Reading = 08541 Current Reading = 08743



Previous Reading = 02087 Current Reading = 02298

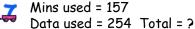


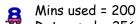
Previous Reading = 02057 Current Reading = 02376

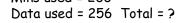


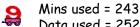


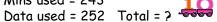


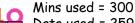












Data used = 259 Total = ?

Outcome 3 - Hire Purchase

Calculate the installments for the following items...



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

H.P. price = £547 Deposit = £87



10 equal installments of £? each.

currencies...



Exchange Rates :-



 \blacksquare £1 = 10.2 yuan

£1 = \$1.62 11 = 129.9 yen

Outcome 4 - Foreign Exchange

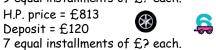
Using the exchange rates provided, change the following

£1 = 85·7 rupees £1 = 2.85 lira

Deposit = £.769 equal installments of £? each. H.P. price = £813 Deposit = £120

H.P. price = £922

H.P. price = £409



H.P. price = £183

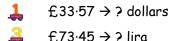
H.P. price = £684

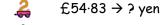
Deposit = f.92

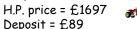
Deposit = £43 5 equal installments of £? each.

24 equal installments of £? each.

8 equal installments of £? each.



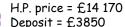




5 £174.84 \rightarrow ? yuan

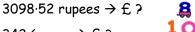


Deposit = £97 11 equal installments of £? each. H.P. price = £8199





342.6 yuan $\rightarrow £?$



 $48.98 \text{ dollars} \rightarrow £?$ $4362.87 \text{ yen } \rightarrow £?$

£65.78 \rightarrow ? rupees



Deposit = £2367 36 equal installments of £? each.



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