



MNU 2-09b

Homework 5

Gold Level



Outcome 1 - Simple Interest and Credit Cards



Calculate the interest on...



Interest Rate = 4% p.a.
Calculate the interest on £700 after 1 year.



Interest Rate = 6% p.a.
Calculate the interest on £900 after 1 year.



Interest Rate = 3.7% p.a.
Calculate the interest on £1400 after 1 year.



Interest Rate = 5.2% p.a.
Calculate interest the on £6700 after 1 year.



Interest Rate = 6.9% p.a.
Calculate the interest on £3000 after 1 year.



A.P.R. = 26%
Calculate the interest on £5000 after 1 year.



A.P.R. = 17.4%
Calculate the interest on £11 000 after 1 year.



A.P.R. = 23.8%
Calculate the interest on £8900 after 1 year.



A.P.R. = 25.2%
Calculate the interest on £14 000 after 1 year.



A.P.R. = 31.7%
Calculate the interest on £9000 after 1 year.

Outcome 2 - Utility Bills



Calculate the bills for the following...

Scottish Energy

Energy Tariff = £15
Cost per unit = 14.9p



300 units of electricity



486 units of electricity



200 units of gas



572 units of gas

Northern Gas

Gas Tariff = £17
Cost per unit = 18.4p



Simply Broadband

Line Rental = £10
£2 per megabyte



7 megabytes



23 megabytes



90 mins of calls



350 mins of calls

Total Call Landlines

Line Rental = £19
Calls = 4p per minute



O₄ Mobile Tariff

Calls = 23p per min
Texts = 12p each



40 mins, 50 texts



200 mins, 250 texts