Across

1) Craig puts £240 into a savings account. Each year the savings earn interest at 6% of the amount in the account at the start of the year. What will his savings be worth after 3 years? Give your answer to the nearest penny.

2) Each year a car loses value by 11% of its value at the start of the year. If it was worth £8000 when it was new, what will it be worth after 2 years?

7) The insurance premium for Della's car was £360. The firm reduced it by 12% for each year she had no claim. What was the cost after six years with no claims? Give the answer to the nearest pound.

9) Ambrose invested £3500 in a six-year bond that added 5% to the amount each year for the first three years and 7.5% each year for the next three years. What is the amount in the bond, to the nearest penny after three years?

Careful! Three, not six.

Down

4) Calculate the amount that £3000 invested with compound interest would be worth if you gained 6% for 20 years

5) Calculate the amount that £3000 invested with compound interest would be worth if you gained 3.5% for 10 years

6) A population of bacteria is estimated to increase by 12% every 24 hours. The population was 2000 at midnight on Friday. What was the population (to the nearest whole number) by midnight the following Wednesday?

8) Mr Costa was offered an 8% rise every year whilst he worked at the same firm. This year he earned £28500. How much will he earn after four rises? Give the answer to the nearest pound.

%	%	0	C	R	O	S	S	%	%
%	5 4	4	%	N	U	M	B	E	R
%	2	.	4 9	%	8 3	%	%	2	%
2 6	3	3	6	.	8	0	%	5	%
6 3	1	3	2		7	%	%	.	%
5	.	0	7 1	6	7	%	%	6	%
1 2	8	10 5	.	8	4	%	%	4	%
4	0	%	9 4	0	5	1	.	6	9
%	%	%	1	%	%	%	%	3 3	%

Up

3) Calculate the amount that £3000 invested with compound interest would be worth if you gained 5% for four years

10) Ambrose invested £3500 in a six-year bond that added 5% to the amount each year for the first three years and 7.5% each year for the next three years. What is the amount in the bond, to the nearest penny after six years?