House prices

These house prices are from an advert in the local paper.

£250,599   £267,000   £82,000   £81,999   £120,000   £125,000

£245,999   £183,000   £121,050   £120,000   £251,600   £246,000

1. Put them in order starting with the cheapest.

2. Round all the prices to the nearest hundred.

3. What is the range of the rounded prices?

4. What is the mode?

5. Find out the median.

6. Calculate the mean price of a house.

7. House prices are forecast to increase by 20% this year.
   Calculate the new prices.

Try these if you have finished early.
   1. If house prices continue to increase at the same rate what will the price of the
       most expensive and least expensive house be in five years time? (i.e. after 5
       increases of 20%)
   2. Draw a line graph to show these increases.

Arthur Daley
ordering / averages / percentages / line graphs