**Answers**

1) Increase 435 by 70% **= 739.5**

2) Increase 23 by 16% **= 26.68**

3) Increase 17 by 1% **= 17.17**

4) Decrease 67 by 15% **= 56.95**

5) Decrease 78 by 9% **= 70.98**

6) Jim bought a house for £210, 000. In one year, the value of the house had increased by 15.4%. How much does the house cost now?

**£242,340**

7) a) Alex purchased a car for the value of £1200. Each year the value of the car decreases by 17%. How much is the car worth now after a year? **£996**

b) How much was Alex’s car worth after 3 years?

**£686.14**

Extension: If a boat cost £350, 000 and its value increased to £420,000, by what percentage has the value increased?

**20%**