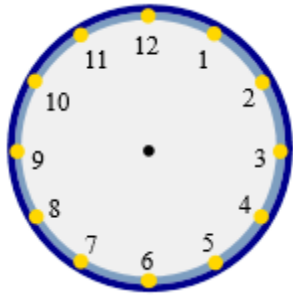# Homework 17

Hand in: _____

Use a calculator for question 9. You must show all your working out where the question number is **underlined**. For these questions stating an answer without showing a written method will not score a mark.

1. Shade in one quarter	**2.** Find one quarter of 20
3. Simplify the expression by collecting the like terms; 4a + 6a – 2a + 7	4. Write down the freebies for: 8 x 9 = 72

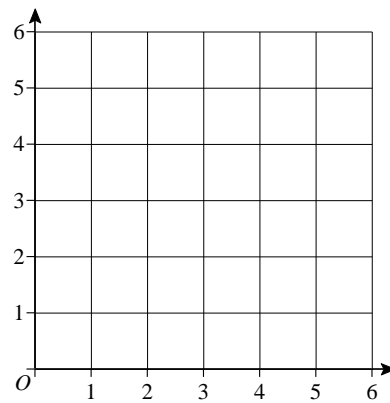|	
5. Draw the hands on the clock to show; Ten past seven. 	6. Circle the time below that is the same as half past six in the morning. 0630am 6.30pm 1830 6.30am
7. Draw a right angle.	8. Plot (0,2)
9. Find 1% of 285	10. Alice has three 50p coins and five 20p coins. How much money does she have altogether?

Gold:

For each set of data find the mode, median and range;

Data	Mode	Median	Range
1, 2, 4, 5, 5			
3, 7, 7, 8, 8, 10			
12, 4, 7, 2, 15, 11			
13, 17, 17, 18, 18, 20			

Write a set of 5 pieces of data with the following features;
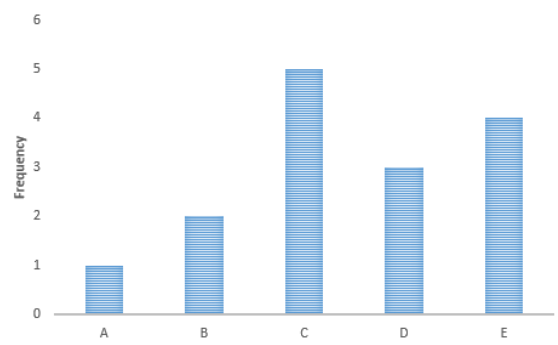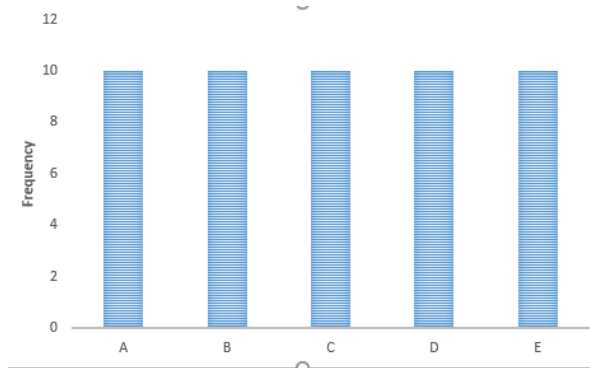
Mode of 3 and range of 6 ___ ___ ___ ___ ___

Median of 11 range of 4 ___ ___ ___ ___ ___

Median of 6, mode of 9 and range of 5

___ ___ ___ ___ ___

Silver:

Describe the mode for the information in the bar charts below:
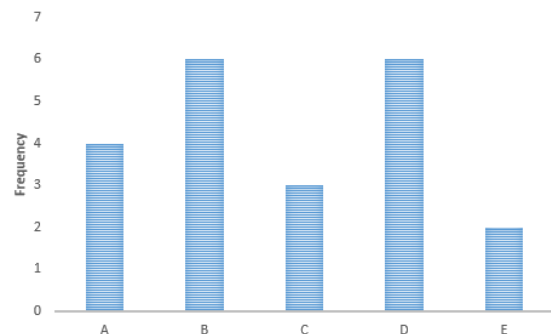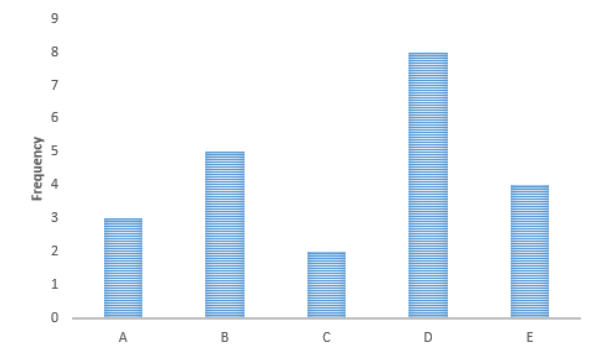
Bronze:

Write down the mode for each of these sets of data:

1, 2, 2, 3, 3, 5, 10   mode:……….

6, 7, 8, 8, 8, 10, 12   mode:……….

10, 7, 6, 7, 2, 4   mode:……….

3, 7, 10, 7, 10, 1, 4   mode:……….

Write a set of 5 pieces of data which have the following modes;

Mode = 4   _____,   _____,   _____,   _____,   _____

Mode = 12   _____,   _____,   _____,   _____,   _____

Mode = 3.5   _____,   _____,   _____,   _____,   _____

Mode = 15 and 17 _____, _____, _____, _____,   _____