1) What is the probability of spinning a red?

$$\frac{1}{4}=.25=25\%$$

2) What is the probability of spinning a blue or yellow?

3) What is the probability of rolling a 2 on a six-sided die?

$$\frac{1}{6}=.17=17\%$$

4) What is the probability of rolling a 5 or 6 on a six-sided die?

5) What is the probability of rolling a 4 or less on a six-sided die?

$$\frac{4}{6}=.67=67\%$$

Give the mean, median and mode of the data sets below.

6) A group of agricultural businesses produce the following number of thousands of tons of wheat:
    12, 52, 25, 138, 79, 67, 49

Mean: $\dfrac{12+52+25+138+79+67+49}{7}=60.3$

Median: 52

Mode: No Mode

7) The following is the list of scores for a player over eleven games of the season.
    18, 23, 13, 20, 23, 29, 25, 16, 32, 23, 28

8) The annual profits for a business in millions of dollars over several years are as follows:
    2, 3.4, 5.1, 7.9, 10.4, 8,8, 7.9, 12.2

Mean = 7.2   Median = 7.9,   Mode = 7.9