Quick Wits 4 - foundation
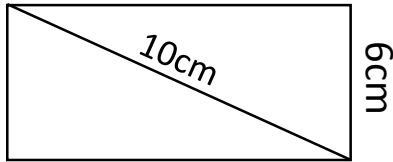
1*. A car garage wants to know how much rubber it will need to make 4 tires with a diameter of 20cm. (Use π=3)

2) What is the value of x?

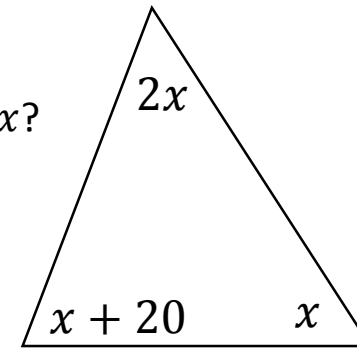3*. What is the area of this rectangle?

4. a) Express 45 as a product of prime factors

b) Find the HCF and LCM of 45 and 30

5. What are the possible values of y if
a) $4 < y \le 8$

b) $-2 \le y < 2$

7*. Miss Bartram is arranging a school trip to the cinema for 15 students and 2 adults. She has a budget of £120. Ticket prices adults- £8.50, students - £7. Does she have enough money?

6. Find the following averages

Score	Frequency	
1	6	
2	8	
3	6	

a. Mode

b. Mean