Maths questions

1. The normal cost of a coat is £94. In a sale the cost is reduced by 36%. Work out the costs of the sale price of the coat.
2. In 2018 Alistair sells books. He sells each book for £9.45. In 2019 he wants to increase the price by 1/3. How much will a book cost in 2019?
3. Sarah has a bag of flour that weighs 1.5kg. she weighs out 117g of flour. How many grams of flour are left in the bag?
4. Joe works at the local college Monday to Friday. The cost of his bus fare each day is £3.30. The summer term is 13 weeks long. How much will Joe spend on bus fares for the term?
5. Brad needs a rope at least 42m long to stretch between two buildings. He only has short pieces of rope. Each is 3.5m long. How many short pieces of rope will he need to use?
6. Sharon has 18 planks of wood. Each plank is 6m long. How many 3m planks can she saw from them?
7. Vicky pays £312 a year to be a member of the swimming club. How is that a month?
8. What is £56.24 in a ratio of 5:3?
9. Work out the mean of these numbers 45, 6, 12, 15, 24, 30
10. Work out the range of these numbers 45, 6, 12, 15, 24, 30
11. If you and 4 friends each buy a cup of coffee at 75p each, cheese scones at £1.20 each and a chocolate muffin each to take home costing 80p. How much does it all cost? How much does each person pay?