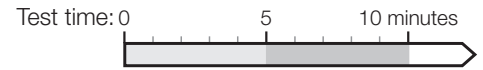


Test A: **Mixed**

Martha needs to purchase a new garden fence. Company A offers a deluxe fence at £2100, company B has a standard fence at £1250 and company C say they can offer a similar fence for £990. Each company is keen to provide Martha's fence and offer the following discounts: Company A a 33% discount, Company B a £400 reduction and Company C a 15% reduction.

- 1 What is the discounted price that Company A is now offering? _____ 2
- 2 What is the amount of money that Company C is willing to take off? _____ 3
- 3 What is the percentage decrease in the cost of the fence from Company B? _____ 2

This table shows the scores that three girls achieved when they used a spinner eight times. Jess spun an eight-sided spinner, Elle spun a six-sided spinner and Lili spun a four-sided spinner.

Jess		Elle		Lili	
8	2	3	1	1	4
6	8	3	3	4	2
1	4	5	6	1	3
3	8	2	3	3	2

- 4 One of the spinners is biased. Which do you think it is most likely to be? How do you know? 3

- 5 What was the mean average score for Jess? 1

Rita uses the following recipe for baking cakes. It makes 18 small cakes.



Recipe: Small cakes
From the kitchen of: **Rita**

Ingredients:
100 g self-raising flour
100 g sugar
100 g butter
3 eggs
75 g sultanas
1 teaspoon milk

- 6 How much self-raising flour will Rita need if she bakes 45 cakes? _____
- 7 How many eggs will Rita need if she bakes 66 cakes? _____
- 8 If Rita uses 350 g of sugar, how many cakes will this make? _____
- 9 If Rita uses 1125 g of sultanas, how many cakes will this make? _____

Complete these sequences. Underline the correct answer from options **a–e**.

- 10 718.93 719.38 719.83 720.28 _____ 721.18
a 720.03 b 720.63 c 720.73 d 720.83 e 721.03
- 11 _____ 51.031 52.741 54.451 56.161 57.871
a 49.321 b 49.851 c 50.941 d 50.321 e 50.871
- 12 15.95 31.9 63.8 127.6 255.2 _____
a 520.4 b 500.2 c 510.2 d 500.4 e 510.4

Total