

Best Buys

For Pearson Edexcel GCSE Mathematics (1MA1) • Foundation tier

Name _____

Total marks: **20**

Answer **all** questions in the spaces provided. Show your working: marks are given for correct method. You may use a calculator.

1 Dishwasher tablets are sold in boxes of three different sizes.

30 tablets for £4.50

50 tablets for £7.00

80 tablets for £11.60

Which box gives the best value for money?

You must show how you get your answer.

(3)

(Total for Question 1 is 3 marks)

- 2** Dervla is buying white paint.
The same paint is sold in three sizes of tin.

1 litre £9.50	2.5 litres £21.00	5 litres £43.50
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Which size of tin should Dervla buy to get the best value for money?
You must show how you get your answer.

(3)

(Total for Question 2 is 3 marks)

- 3** Two shops sell the same porridge oats.

Shop A 750 g box Normal price £3.60 Now 15% off	Shop B 1 kg box Normal price £5.20 Now £1 off
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Which box of oats is the better value for money?
You must show your working.

(4)

(Total for Question 3 is 4 marks)

- 4 Two garden centres sell the same bedding plants.

Centre A 90p per plant Buy 5, get 1 free

Centre B Tray of 12 plants £12.60 Second tray half price

Hassan needs 24 plants.
Which garden centre is cheaper for 24 plants?
You must show how you get your answer.

(4)

(Total for Question 4 is 4 marks)

- 5 A café buys paper cups.
A small box of 250 cups costs £13.75
A large box of 1000 cups costs £48
The café uses 3000 cups each month.

Work out how much money the café saves each month by buying large boxes instead of small boxes.

£
(3)

(Total for Question 5 is 3 marks)

6 Two companies hire out cars.

Company A

£35 per day

Company B

£90 booking fee
plus £18 per day

Kiera wants to hire a car for 5 days.
Which company is cheaper for Kiera?
You must show how you get your answer.

(3)

(Total for Question 6 is 3 marks)
