Best Buy Questions

Grade 3 topic · Foundation and Higher · Edexcel and AQA

How to use this pack
20 questions that get harder as you go. Foundation students: aim for Questions 1–15 (55 marks) and have a go at the rest. Higher students: complete all 20. Show your working on the lines and write your final answer on the answer line, then mark yourself with the answers at the back. Diagrams are not drawn accurately. Total: 80 marks.

Warm-up

1 A pack of 11 apples costs £7.59. Work out the cost of one apple. **[2 marks]**

Answer _____

2 12 pencils cost £4.50. Work out the cost of 1 pencil. **[2 marks]**

Answer _____

3 A pack of 9 apples costs £3.42. Work out the cost of one apple. **[2 marks]**

Answer _____

4 4 pencils cost £1.76. Work out the cost of 1 pencil. **[2 marks]**

Answer _____

5 A pack of 6 apples costs £2.82. Work out the cost of one apple. **[2 marks]**

Answer _____

Core

6 Rice is sold in two packs: 400 g for £1.07 and 800 g for £2.03. Which pack is better value? Show your working. **[4 marks]**

Answer _____

7 Rice is sold in two packs: 300 g for £1.52 and 600 g for £3.34. Which pack is better value? Show your working. **[4 marks]**

Answer _____

8 Rice is sold in two packs: 400 g for £1.59 and 800 g for £3.34. Which pack is better value? Show your working. **[4 marks]**

Answer _____

9 Rice is sold in two packs: 250 g for £1.09 and 500 g for £2.29. Which pack is better value? Show your working. **[4 marks]**

Answer _____

10 Rice is sold in two packs: 300 g for £1.00 and 600 g for £2.20. Which pack is better value? Show your working. **[4 marks]**

Answer _____

Stretch

11 Pasta is sold in three sizes: 250 g for £1.50, 500 g for £3.30 and 750 g for £3.82. Which size is the best buy? Show your working. **[5 marks]**

Answer _____

12 Pasta is sold in three sizes: 300 g for £1.41, 600 g for £2.96 and 1000 g for £4.37. Which size is the best buy? Show your working. **[5 marks]**

Answer _____

13 Pasta is sold in three sizes: 300 g for £0.94, 600 g for £2.07 and 1000 g for £2.82. Which size is the best buy? Show your working. **[5 marks]**

Answer _____

14 Pasta is sold in three sizes: 400 g for £1.23, 800 g for £2.71 and 1200 g for £3.32. Which size is the best buy? Show your working. **[5 marks]**

Answer _____

15 Pasta is sold in three sizes: 300 g for £0.81, 600 g for £1.54 and 1000 g for £2.43. Which size is the best buy? Show your working. **[5 marks]**

Answer _____

Challenge

16 A 400 g jar of coffee costs £2.44. A larger jar holds 50% more coffee and costs £3.42. Which is better value, and how many pence per 100 g does the better one cost (to 1 decimal place)? **[5 marks]**

Answer _____

17 Shop A sells cans of cola at £0.99 each with the offer 3 for the price of 2. Shop B sells the same cans at £0.99 each with 25% off. Which shop is cheaper for 6 cans, and by how much? **[5 marks]**

Answer _____

18 A 400 g jar of coffee costs £2.99. A larger jar holds 50% more coffee and costs £4.19. Which is better value, and how many pence per 100 g does the better one cost (to 1 decimal place)? **[5 marks]**

Answer _____

19 Shop A sells cans of cola at £1.32 each with the offer 3 for the price of 2. Shop B sells the same cans at £1.32 each with 25% off. Which shop is cheaper for 9 cans, and by how much? **[5 marks]**

Answer _____

20 A 400 g jar of coffee costs £2.27. A larger jar holds 50% more coffee and costs £3.18. Which is better value, and how many pence per 100 g does the better one cost (to 1 decimal place)? **[5 marks]**

Answer _____