2.82 Direct Proportion and Value for Money: 2-hour Pack

Total Marks

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 120 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Rhys compares packs of washing liquid: pack A is 100 ml for £0.68; pack B is 300 ml for £1.29; pack C is 400 ml for £2.24; pack D is 500 ml for £3.25; pack E is 750 ml for £3.15. Which pack is the best value for money?

- ☐ A) Pack B
- ☐ B) Pack C
- ☐ C) Pack D
- ☐ D) Pack E
- ☐ E) Pack A

---

2 6 pasties cost £0.30. Noah has £0.60. How many pasties can Noah buy?

- ☐ A) 12
- ☐ B) 11
- ☐ C) 2
- ☐ D) 13
- ☐ E) 72

---

3 Rhys compares packs of shampoo: pack A is 125 ml for £0.56; pack B is 150 ml for £0.63; pack C is 250 ml for £1.85; pack D is 500 ml for £2.90; pack E is 1500 ml for £10.65. Which pack is the best value for money?

- ☐ A) Pack C
- ☐ B) Pack B
- ☐ C) Pack D
- ☐ D) Pack E
- ☐ E) Pack A

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4 2 muffins cost £2.00. How much do 15 muffins cost?

- [ ] A) £1.00
- [ ] B) £16.00
- [ ] C) £14.00
- [ ] D) £15.00
- [ ] E) £30.00

---

5 12 apples cost £3.00. How much do 11 apples cost?

- [ ] A) £3.75
- [ ] B) £33.00
- [ ] C) £0.25
- [ ] D) £-3.00
- [ ] E) £2.75

---

6 6 football stickers cost £3.00. How much do 16 football stickers cost?

- [ ] A) £0.50
- [ ] B) £48.00
- [ ] C) £5.00
- [ ] D) £8.00
- [ ] E) £30.00

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7 Niamh compares packs of rice: pack A is 100 g for £0.58; pack B is 750 g for £4.28; pack C is 800 g for £4.08; pack D is 1000 g for £6.40; pack E is 1200 g for £7.08. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack A
- [ ] C) Pack D
- [ ] D) Pack B
- [ ] E) Pack C

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8 5 bus tickets cost £7.50. How much do 14 bus tickets cost?

- [ ] A) £21.00
- [ ] B) £105.00
- [ ] C) £22.00
- [ ] D) £1.50
- [ ] E) £67.50

---

9 5 balloons cost £1.25. How much do 21 balloons cost?

- [ ] A) £6.25
- [ ] B) £0.25
- [ ] C) £5.25
- [ ] D) £26.25
- [ ] E) £20.00

---

10 Dylan compares packs of flour: pack A is 150 g for £0.93; pack B is 400 g for £2.16; pack C is 750 g for £4.88; pack D is 1000 g for £4.20; pack E is 1200 g for £6.60. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack D
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack B

---

11 10 postcards cost £3.50. How much do 24 postcards cost?

- [ ] A) £0.35
- [ ] B) £7.40
- [ ] C) £8.40
- [ ] D) £9.40
- [ ] E) £84.00

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12 Rhys compares packs of flour: pack A is 150 g for £0.88; pack B is 200 g for £1.18; pack C is 500 g for £2.80; pack D is 750 g for £3.82; pack E is 1000 g for £5.80. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack C
- [ ] C) Pack E
- [ ] D) Pack A
- [ ] E) Pack D

---

13 2 notebooks cost £1.00. How much do 8 notebooks cost?

- [ ] A) £4.00
- [ ] B) £3.00
- [ ] C) £5.00
- [ ] D) £8.00
- [ ] E) £0.50

---

14 Grace compares packs of orange juice: pack A is 150 ml for £1.10; pack B is 200 ml for £1.48; pack C is 250 ml for £1.72; pack D is 500 ml for £2.05; pack E is 1200 ml for £7.44. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack C
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack D

---

15 6 cakes cost £0.60. How much do 21 cakes cost?

- [ ] A) £3.10
- [ ] B) £9.00
- [ ] C) £12.60
- [ ] D) £2.10
- [ ] E) £0.10

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16 Fatima compares packs of washing liquid: pack A is 150 ml for £0.92; pack B is 600 ml for £2.94; pack C is 1000 ml for £4.30; pack D is 1200 ml for £5.40; pack E is 1500 ml for £8.40. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack C
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack D

---

17 4 notebooks cost £0.48. How much do 14 notebooks cost?

- [ ] A) £0.12
- [ ] B) £0.68
- [ ] C) £6.72
- [ ] D) £2.68
- [ ] E) £1.68

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18 Imogen compares packs of flour: pack A is 125 g for £0.76; pack B is 250 g for £1.22; pack C is 500 g for £2.95; pack D is 600 g for £2.58; pack E is 750 g for £5.62. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack E
- [ ] C) Pack D
- [ ] D) Pack A
- [ ] E) Pack B

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19 Kwame compares packs of rice: pack A is 300 g for £1.59; pack B is 600 g for £2.88; pack C is 750 g for £4.35; pack D is 1000 g for £5.50; pack E is 1500 g for £8.55. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack C
- [ ] C) Pack A
- [ ] D) Pack B
- [ ] E) Pack D

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20 5 bus tickets cost £11.25. Jack has £31.50. How many bus tickets can Jack buy?

- [ ] A) 13
- [ ] B) 15
- [ ] C) 14
- [ ] D) 70
- [ ] E) 140

---

21 Kofi compares packs of crisps: pack A is 125 g for £0.91; pack B is 250 g for £1.30; pack C is 500 g for £2.00; pack D is 600 g for £3.66; pack E is 800 g for £3.52. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack D
- [ ] C) Pack B
- [ ] D) Pack E
- [ ] E) Pack C

---

22 10 notebooks cost £2.00. How much do 12 notebooks cost?

- [ ] A) £0.20
- [ ] B) £2.40
- [ ] C) £24.00
- [ ] D) £3.40
- [ ] E) £0.40

---

23 Anya compares packs of cereal: pack A is 100 g for £0.50; pack B is 200 g for £1.20; pack C is 300 g for £2.01; pack D is 400 g for £2.76; pack E is 500 g for £2.40. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack C
- [ ] C) Pack B
- [ ] D) Pack D
- [ ] E) Pack A

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24 3 postcards cost £0.30. How much do 16 postcards cost?

- [ ] A) £0.60
- [ ] B) £0.10
- [ ] C) £2.60
- [ ] D) £1.60
- [ ] E) £4.80

---

25 6 bananas cost £3.90. How much do 24 bananas cost?

- [ ] A) £14.60
- [ ] B) £15.60
- [ ] C) £11.70
- [ ] D) £93.60
- [ ] E) £0.65

---

26 Ewan compares packs of shampoo: pack A is 100 ml for £0.62; pack B is 150 ml for £0.81; pack C is 250 ml for £1.52; pack D is 600 ml for £3.18; pack E is 750 ml for £4.58. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack B
- [ ] C) Pack D
- [ ] D) Pack A
- [ ] E) Pack C

---

27 6 pens cost £1.50. How much do 24 pens cost?

- [ ] A) £6.00
- [ ] B) £5.00
- [ ] C) £0.25
- [ ] D) £36.00
- [ ] E) £7.00

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28 Ben compares packs of rice: pack A is 100 g for £0.67; pack B is 150 g for £1.12; pack C is 250 g for £1.25; pack D is 500 g for £2.65; pack E is 750 g for £5.62. Which pack is the best value for money?

- [ ] A) Pack D
- [ ] B) Pack E
- [ ] C) Pack B
- [ ] D) Pack C
- [ ] E) Pack A

---

29 5 postcards cost £0.90. How much do 12 postcards cost?

- [ ] A) £3.16
- [ ] B) £2.16
- [ ] C) £0.18
- [ ] D) £1.26
- [ ] E) £10.80

---

30 Priya compares packs of cereal: pack A is 100 g for £0.63; pack B is 250 g for £1.38; pack C is 400 g for £2.36; pack D is 1000 g for £5.30; pack E is 1200 g for £7.32. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack B
- [ ] C) Pack C
- [ ] D) Pack A
- [ ] E) Pack D

---

31 Maya compares packs of flour: pack A is 125 g for £1.10; pack B is 250 g for £1.28; pack C is 400 g for £3.12; pack D is 750 g for £6.52; pack E is 1200 g for £3.84. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack E
- [ ] C) Pack B
- [ ] D) Pack C
- [ ] E) Pack D

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32 Chloe compares packs of orange juice: pack A is 100 ml for £0.41; pack B is 200 ml for £1.42; pack C is 400 ml for £2.48; pack D is 750 ml for £4.95; pack E is 1000 ml for £5.80. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack D
- [ ] C) Pack E
- [ ] D) Pack A
- [ ] E) Pack C

---

33 10 bananas cost £2.00. How much do 18 bananas cost?

- [ ] A) £0.20
- [ ] B) £36.00
- [ ] C) £3.60
- [ ] D) £4.60
- [ ] E) £2.60

---

34 Kwame compares packs of pasta: pack A is 200 g for £1.18; pack B is 400 g for £1.96; pack C is 500 g for £2.90; pack D is 600 g for £4.02; pack E is 1500 g for £6.00. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack A
- [ ] C) Pack D
- [ ] D) Pack B
- [ ] E) Pack C

---

35 Maya compares packs of crisps: pack A is 200 g for £0.88; pack B is 250 g for £1.05; pack C is 750 g for £4.20; pack D is 800 g for £4.96; pack E is 1500 g for £6.00. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack B
- [ ] C) Pack C
- [ ] D) Pack D
- [ ] E) Pack E

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36 10 football stickers cost £2.00. How much do 15 football stickers cost?

- [ ] A) £4.00
- [ ] B) £3.00
- [ ] C) £0.20
- [ ] D) £30.00
- [ ] E) £1.00

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37 Niamh compares packs of rice: pack A is 100 g for £0.66; pack B is 125 g for £0.66; pack C is 150 g for £1.04; pack D is 1200 g for £5.88; pack E is 1500 g for £10.05. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack B
- [ ] C) Pack C
- [ ] D) Pack D
- [ ] E) Pack E

---

38 Ben compares packs of washing liquid: pack A is 100 ml for £0.44; pack B is 500 ml for £2.75; pack C is 800 ml for £4.72; pack D is 1000 ml for £6.40; pack E is 1500 ml for £10.05. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack C
- [ ] C) Pack D
- [ ] D) Pack A
- [ ] E) Pack B

---

39 5 pasties cost £0.50. How much do 13 pasties cost?

- [ ] A) £0.30
- [ ] B) £6.50
- [ ] C) £0.10
- [ ] D) £0.80
- [ ] E) £1.30

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40 4 pasties cost £4.00. How much do 5 pasties cost?

- [ ] A) £0.80
- [ ] B) £5.00
- [ ] C) £1.00
- [ ] D) £6.00
- [ ] E) £20.00

---

41 Sana compares packs of washing liquid: pack A is 125 ml for £0.51; pack B is 150 ml for £1.02; pack C is 300 ml for £1.35; pack D is 500 ml for £3.30; pack E is 1200 ml for £8.88. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack E
- [ ] C) Pack C
- [ ] D) Pack D
- [ ] E) Pack B

---

42 6 bananas cost £1.50. How much do 7 bananas cost?

- [ ] A) £10.50
- [ ] B) £0.75
- [ ] C) £2.75
- [ ] D) £0.25
- [ ] E) £1.75

---

43 Anya compares packs of shampoo: pack A is 400 ml for £2.36; pack B is 600 ml for £3.00; pack C is 750 ml for £4.20; pack D is 1200 ml for £6.36; pack E is 1500 ml for £8.70. Which pack is the best value for money?

- [ ] A) Pack D
- [ ] B) Pack A
- [ ] C) Pack B
- [ ] D) Pack E
- [ ] E) Pack C

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44 12 pasties cost £7.80. How much do 8 pasties cost?

- [ ] A) £-31.20
- [ ] B) £62.40
- [ ] C) £-2.60
- [ ] D) £0.65
- [ ] E) £5.20

---

45 3 notebooks cost £0.75. How much do 16 notebooks cost?

- [ ] A) £0.25
- [ ] B) £4.00
- [ ] C) £12.00
- [ ] D) £5.00
- [ ] E) £3.25

---

46 Megan compares packs of pasta: pack A is 250 g for £1.05; pack B is 750 g for £4.42; pack C is 800 g for £4.56; pack D is 1000 g for £5.40; pack E is 1500 g for £7.65. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack E
- [ ] C) Pack C
- [ ] D) Pack D
- [ ] E) Pack B

---

47 8 balloons cost £0.96. How much do 14 balloons cost?

- [ ] A) £1.68
- [ ] B) £13.44
- [ ] C) £0.12
- [ ] D) £0.72
- [ ] E) £0.68

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48 Rhys compares packs of flour: pack A is 125 g for £0.70; pack B is 200 g for £1.06; pack C is 500 g for £2.50; pack D is 750 g for £4.28; pack E is 1500 g for £8.55. Which pack is the best value for money?

- ☐ A) Pack E
- ☐ B) Pack D
- ☐ C) Pack B
- ☐ D) Pack C
- ☐ E) Pack A

---

49 2 notebooks cost £0.60. How much do 6 notebooks cost?

- ☐ A) £0.30
- ☐ B) £1.20
- ☐ C) £1.80
- ☐ D) £2.80
- ☐ E) £3.60

---

50 Ffion compares packs of washing liquid: pack A is 150 ml for £0.74; pack B is 300 ml for £1.62; pack C is 400 ml for £2.44; pack D is 750 ml for £3.08; pack E is 1200 ml for £5.28. Which pack is the best value for money?

- ☐ A) Pack C
- ☐ B) Pack B
- ☐ C) Pack D
- ☐ D) Pack E
- ☐ E) Pack A

---

51 Jack compares packs of cereal: pack A is 125 g for £0.90; pack B is 200 g for £1.48; pack C is 500 g for £3.25; pack D is 600 g for £3.42; pack E is 1000 g for £4.80. Which pack is the best value for money?

- ☐ A) Pack C
- ☐ B) Pack A
- ☐ C) Pack B
- ☐ D) Pack D
- ☐ E) Pack E

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52 10 bananas cost £10.00. How much do 3 bananas cost?

- [ ] A) £2.00
- [ ] B) £3.00
- [ ] C) £-7.00
- [ ] D) £30.00
- [ ] E) £1.00

---

53 Poppy compares packs of pasta: pack A is 400 g for £2.08; pack B is 500 g for £3.70; pack C is 600 g for £4.20; pack D is 750 g for £3.30; pack E is 800 g for £4.32. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack B
- [ ] C) Pack E
- [ ] D) Pack C
- [ ] E) Pack D

---

54 2 postcards cost £3.00. How much do 13 postcards cost?

- [ ] A) £19.50
- [ ] B) £1.50
- [ ] C) £18.50
- [ ] D) £20.50
- [ ] E) £39.00

---

55 Anya compares packs of flour: pack A is 100 g for £0.50; pack B is 125 g for £0.69; pack C is 200 g for £1.36; pack D is 600 g for £4.38; pack E is 750 g for £5.25. Which pack is the best value for money?

- [ ] A) Pack D
- [ ] B) Pack B
- [ ] C) Pack E
- [ ] D) Pack A
- [ ] E) Pack C

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56 2 bananas cost £0.20. Ffion has £0.90. How many bananas can Ffion buy?

- [ ] A) 8
- [ ] B) 90
- [ ] C) 9
- [ ] D) 10
- [ ] E) 18

---

57 Niamh compares packs of cereal: pack A is 100 g for £0.59; pack B is 250 g for £1.32; pack C is 500 g for £3.40; pack D is 800 g for £5.52; pack E is 1500 g for £10.95. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack E
- [ ] C) Pack C
- [ ] D) Pack A
- [ ] E) Pack D

---

58 8 notebooks cost £2.00. Sana has £4.50. How many notebooks can Sana buy?

- [ ] A) 17
- [ ] B) 18
- [ ] C) 180
- [ ] D) 144
- [ ] E) 19

---

59 Tom compares packs of pasta: pack A is 125 g for £0.60; pack B is 150 g for £1.10; pack C is 400 g for £2.36; pack D is 750 g for £4.50; pack E is 1500 g for £9.15. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack E
- [ ] C) Pack D
- [ ] D) Pack A
- [ ] E) Pack C

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60 5 balloons cost £2.75. Grace has £5.50. How many balloons can Grace buy?

- [ ] A) 50
- [ ] B) 9
- [ ] C) 11
- [ ] D) 2
- [ ] E) 10

---

61 12 pasties cost £18.00. Arjun has £19.50. How many pasties can Arjun buy?

- [ ] A) 14
- [ ] B) 130
- [ ] C) 12
- [ ] D) 156
- [ ] E) 13

---

62 Ewan compares packs of pasta: pack A is 125 g for £0.89; pack B is 200 g for £1.40; pack C is 250 g for £1.70; pack D is 750 g for £3.00; pack E is 1200 g for £6.36. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack B
- [ ] C) Pack C
- [ ] D) Pack D
- [ ] E) Pack E

---

63 3 rulers cost £2.85. How much do 11 rulers cost?

- [ ] A) £10.45
- [ ] B) £31.35
- [ ] C) £9.45
- [ ] D) £0.95
- [ ] E) £22.80

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64 5 balloons cost £1.75. Jack has £3.50. How many balloons can Jack buy?

- [ ] A) 11
- [ ] B) 10
- [ ] C) 2
- [ ] D) 9
- [ ] E) 50

---

65 Amara compares packs of washing liquid: pack A is 100 ml for £0.62; pack B is 250 ml for £1.75; pack C is 500 ml for £3.05; pack D is 600 ml for £2.88; pack E is 750 ml for £3.08. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack E
- [ ] C) Pack D
- [ ] D) Pack B
- [ ] E) Pack C

---

66 Aisha compares packs of cereal: pack A is 125 g for £0.40; pack B is 150 g for £1.16; pack C is 200 g for £0.98; pack D is 500 g for £4.00; pack E is 1200 g for £9.84. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack D
- [ ] C) Pack B
- [ ] D) Pack E
- [ ] E) Pack A

---

67 A 5 kg sack of flour costs £7.50. What is the cost per kilogram?

- [ ] A) £1.50
- [ ] B) £15.00
- [ ] C) £0.75
- [ ] D) £2.50
- [ ] E) £0.15

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68 5 notebooks cost £0.90. How much do 8 notebooks cost?

- [ ] A) £7.20
- [ ] B) £0.18
- [ ] C) £0.44
- [ ] D) £1.44
- [ ] E) £2.70

---

69 Niamh compares packs of rice: pack A is 150 g for £0.82; pack B is 200 g for £0.92; pack C is 750 g for £5.18; pack D is 800 g for £3.44; pack E is 1000 g for £5.60. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack D
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack B

---

70 3 pens cost £0.90. How much do 2 pens cost?

- [ ] A) £1.80
- [ ] B) £0.60
- [ ] C) £0.30
- [ ] D) £-0.90
- [ ] E) £-0.30

---

71 2 notebooks cost £2.40. How much do 17 notebooks cost?

- [ ] A) £20.40
- [ ] B) £1.20
- [ ] C) £18.00
- [ ] D) £40.80
- [ ] E) £21.40

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72 Tariq compares packs of cereal: pack A is 200 g for £1.40; pack B is 300 g for £1.65; pack C is 800 g for £5.76; pack D is 1000 g for £6.50; pack E is 1500 g for £7.80. Which pack is the best value for money?

- ☐ A) Pack C
- ☐ B) Pack B
- ☐ C) Pack D
- ☐ D) Pack E
- ☐ E) Pack A

---

73 2 pens cost £2.00. How much do 21 pens cost?

- ☐ A) £20.00
- ☐ B) £42.00
- ☐ C) £1.00
- ☐ D) £21.00
- ☐ E) £38.00

---

74 3 rulers cost £4.50. Aisha has £24.00. How many rulers can Aisha buy?

- ☐ A) 16
- ☐ B) 36
- ☐ C) 17
- ☐ D) 15
- ☐ E) 48

---

75 Tom compares packs of shampoo: pack A is 200 ml for £1.12; pack B is 500 ml for £3.65; pack C is 600 ml for £3.12; pack D is 750 ml for £3.15; pack E is 1000 ml for £5.30. Which pack is the best value for money?

- ☐ A) Pack C
- ☐ B) Pack D
- ☐ C) Pack B
- ☐ D) Pack E
- ☐ E) Pack A

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76 An item costs £4.00. The shop runs a 'buy one, get a second at 50% off' offer. How much would two of the items cost under this offer?

- [ ] A) £2.00
- [ ] B) £4.50
- [ ] C) £5.00
- [ ] D) £6.00
- [ ] E) £8.00

---

77 Zainab compares packs of shampoo: pack A is 125 ml for £0.79; pack B is 200 ml for £1.38; pack C is 600 ml for £2.46; pack D is 1200 ml for £7.08; pack E is 1500 ml for £8.70. Which pack is the best value for money?

- [ ] A) Pack D
- [ ] B) Pack A
- [ ] C) Pack B
- [ ] D) Pack E
- [ ] E) Pack C

---

78 2 postcards cost £4.50. How much do 21 postcards cost?

- [ ] A) £46.25
- [ ] B) £47.25
- [ ] C) £48.25
- [ ] D) £2.25
- [ ] E) £94.50

---

79 Kwame compares packs of shampoo: pack A is 125 ml for £0.64; pack B is 150 ml for £0.76; pack C is 300 ml for £1.86; pack D is 600 ml for £3.24; pack E is 1500 ml for £9.45. Which pack is the best value for money?

- [ ] A) Pack D
- [ ] B) Pack E
- [ ] C) Pack B
- [ ] D) Pack C
- [ ] E) Pack A

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80 2 balloons cost £1.10. How much do 13 balloons cost?

- [ ] A) £7.15
- [ ] B) £14.30
- [ ] C) £6.15
- [ ] D) £8.15
- [ ] E) £0.55

---

81 Noah compares packs of flour: pack A is 250 g for £0.88; pack B is 300 g for £1.62; pack C is 400 g for £1.72; pack D is 750 g for £4.95; pack E is 1000 g for £6.00. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack E
- [ ] C) Pack B
- [ ] D) Pack A
- [ ] E) Pack D

---

82 8 muffins cost £2.40. How much do 24 muffins cost?

- [ ] A) £0.10
- [ ] B) £8.20
- [ ] C) £7.20
- [ ] D) £57.60
- [ ] E) £0.30

---

83 Tom compares packs of washing liquid: pack A is 100 ml for £0.54; pack B is 125 ml for £0.75; pack C is 150 ml for £0.78; pack D is 300 ml for £1.71; pack E is 750 ml for £4.28. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack E
- [ ] C) Pack D
- [ ] D) Pack B
- [ ] E) Pack C

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84 Ewan compares packs of washing liquid: pack A is 300 ml for £1.98; pack B is 400 ml for £2.12; pack C is 800 ml for £6.88; pack D is 1000 ml for £6.30; pack E is 1500 ml for £12.45. Which pack is the best value for money?

- ☐ A) Pack B
- ☐ B) Pack A
- ☐ C) Pack C
- ☐ D) Pack E
- ☐ E) Pack D

---

85 A 250 g tin of baked beans costs 40p. What is the price per 100 g?

- ☐ A) 12p
- ☐ B) 25p
- ☐ C) 18p
- ☐ D) 16p
- ☐ E) 10p

---

86 5 notebooks cost £1.00. Oliver has £2.00. How many notebooks can Oliver buy?

- ☐ A) 50
- ☐ B) 2
- ☐ C) 11
- ☐ D) 10
- ☐ E) 9

---

87 2 pens cost £2.00. How much do 11 pens cost?

- ☐ A) £22.00
- ☐ B) £9.00
- ☐ C) £1.00
- ☐ D) £10.00
- ☐ E) £11.00

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88 Megan compares packs of cereal: pack A is 100 g for £0.69; pack B is 125 g for £0.56; pack C is 400 g for £1.76; pack D is 1000 g for £5.50; pack E is 1500 g for £6.45. Which pack is the best value for money?

- ☐ A) Pack E
- ☐ B) Pack C
- ☐ C) Pack D
- ☐ D) Pack B
- ☐ E) Pack A

---

89 4 notebooks cost £0.48. Arjun has £1.20. How many notebooks can Arjun buy?

- ☐ A) 100
- ☐ B) 10
- ☐ C) 11
- ☐ D) 40
- ☐ E) 9

---

90 8 rulers cost £0.80. How much do 19 rulers cost?

- ☐ A) £1.10
- ☐ B) £0.90
- ☐ C) £1.90
- ☐ D) £15.20
- ☐ E) £0.10

---

91 Kofi compares packs of washing liquid: pack A is 125 ml for £0.66; pack B is 400 ml for £2.60; pack C is 600 ml for £2.58; pack D is 750 ml for £3.90; pack E is 800 ml for £3.28. Which pack is the best value for money?

- ☐ A) Pack D
- ☐ B) Pack B
- ☐ C) Pack A
- ☐ D) Pack C
- ☐ E) Pack E

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92 2 postcards cost £0.70. Jack has £3.85. How many postcards can Jack buy?

- [ ] A) 11
- [ ] B) 10
- [ ] C) 22
- [ ] D) 12
- [ ] E) 110

---

93 Mei compares packs of pasta: pack A is 100 g for £0.79; pack B is 125 g for £1.12; pack C is 400 g for £2.60; pack D is 600 g for £2.40; pack E is 1200 g for £8.52. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack C
- [ ] C) Pack B
- [ ] D) Pack D
- [ ] E) Pack E

---

94 5 apples cost £0.90. How much do 3 apples cost?

- [ ] A) £0.18
- [ ] B) £0.54
- [ ] C) £-1.80
- [ ] D) £2.70
- [ ] E) £0.30

---

95 Ffion compares packs of flour: pack A is 100 g for £0.76; pack B is 200 g for £1.62; pack C is 300 g for £1.26; pack D is 400 g for £2.00; pack E is 500 g for £3.10. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack B
- [ ] C) Pack C
- [ ] D) Pack A
- [ ] E) Pack D

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96 Sana compares packs of flour: pack A is 100 g for £0.64; pack B is 125 g for £0.66; pack C is 150 g for £0.88; pack D is 600 g for £3.24; pack E is 1500 g for £9.00. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack A
- [ ] C) Pack E
- [ ] D) Pack D
- [ ] E) Pack C

---

97 10 balloons cost £0.80. How much do 8 balloons cost?

- [ ] A) £1.64
- [ ] B) £0.64
- [ ] C) £-0.16
- [ ] D) £0.08
- [ ] E) £6.40

---

98 Declan compares packs of rice: pack A is 100 g for £0.89; pack B is 300 g for £2.10; pack C is 750 g for £6.30; pack D is 800 g for £4.32; pack E is 1500 g for £6.75. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack C
- [ ] C) Pack B
- [ ] D) Pack D
- [ ] E) Pack E

---

99 Harry compares packs of flour: pack A is 125 g for £0.66; pack B is 200 g for £1.04; pack C is 750 g for £4.72; pack D is 800 g for £4.64; pack E is 1000 g for £6.10. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack B
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack D

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100 5 muffins cost £4.25. How much do 12 muffins cost?

- [ ] A) £10.20
- [ ] B) £0.85
- [ ] C) £5.95
- [ ] D) £11.20
- [ ] E) £51.00

---

101 Dylan compares packs of washing liquid: pack A is 100 ml for £0.59; pack B is 125 ml for £0.92; pack C is 250 ml for £2.25; pack D is 1000 ml for £7.70; pack E is 1500 ml for £7.05. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack B
- [ ] C) Pack D
- [ ] D) Pack E
- [ ] E) Pack C

---

102 5 balloons cost £3.25. Priya has £9.75. How many balloons can Priya buy?

- [ ] A) 75
- [ ] B) 16
- [ ] C) 15
- [ ] D) 3
- [ ] E) 14

---

103 Tariq compares packs of rice: pack A is 125 g for £0.82; pack B is 150 g for £0.92; pack C is 200 g for £1.48; pack D is 500 g for £2.50; pack E is 800 g for £5.52. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack C
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack D

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104 3 apples cost £0.75. How much do 19 apples cost?

- [ ] A) £4.75
- [ ] B) £3.75
- [ ] C) £14.25
- [ ] D) £4.00
- [ ] E) £0.25

---

105 Harry compares packs of shampoo: pack A is 200 ml for £1.36; pack B is 300 ml for £2.16; pack C is 800 ml for £5.20; pack D is 1000 ml for £5.40; pack E is 1200 ml for £6.00. Which pack is the best value for money?

- [ ] A) Pack D
- [ ] B) Pack A
- [ ] C) Pack B
- [ ] D) Pack E
- [ ] E) Pack C

---

106 8 cakes cost £0.96. Ffion has £2.40. How many cakes can Ffion buy?

- [ ] A) 160
- [ ] B) 20
- [ ] C) 200
- [ ] D) 21
- [ ] E) 2

---

107 Harry compares packs of flour: pack A is 125 g for £0.54; pack B is 500 g for £3.20; pack C is 750 g for £5.32; pack D is 800 g for £5.04; pack E is 1500 g for £7.35. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack B
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack D

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108 6 muffins cost £1.20. How much do 21 muffins cost?

- [ ] A) £5.20
- [ ] B) £3.00
- [ ] C) £25.20
- [ ] D) £4.20
- [ ] E) £0.20

---

109 12 muffins cost £0.60. Jack has £0.55. How many muffins can Jack buy?

- [ ] A) 12
- [ ] B) 11
- [ ] C) 132
- [ ] D) 110
- [ ] E) 10

---

110 Sana compares packs of crisps: pack A is 125 g for £1.05; pack B is 250 g for £1.28; pack C is 300 g for £1.14; pack D is 500 g for £2.60; pack E is 1000 g for £3.10. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack D
- [ ] C) Pack A
- [ ] D) Pack B
- [ ] E) Pack C

---

111 A 750 ml bottle of cordial costs £1.80. What is the price per litre?

- [ ] A) £2.40
- [ ] B) £1.35
- [ ] C) £3.60
- [ ] D) £1.20
- [ ] E) £2.25

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112 Declan compares packs of crisps: pack A is 150 g for £1.16; pack B is 250 g for £2.00; pack C is 400 g for £2.20; pack D is 500 g for £1.75; pack E is 1000 g for £9.00. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack D
- [ ] C) Pack C
- [ ] D) Pack A
- [ ] E) Pack B

---

113 10 notebooks cost £2.00. How much do 9 notebooks cost?

- [ ] A) £18.00
- [ ] B) £0.20
- [ ] C) £1.80
- [ ] D) £-0.20
- [ ] E) £-2.00

---

114 Grace compares packs of washing liquid: pack A is 100 ml for £0.61; pack B is 250 ml for £1.30; pack C is 300 ml for £1.59; pack D is 600 ml for £3.78; pack E is 1500 ml for £9.60. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack E
- [ ] C) Pack A
- [ ] D) Pack B
- [ ] E) Pack D

---

115 Leo compares packs of orange juice: pack A is 400 ml for £3.12; pack B is 600 ml for £5.04; pack C is 750 ml for £3.52; pack D is 1000 ml for £4.30; pack E is 1500 ml for £5.10. Which pack is the best value for money?

- [ ] A) Pack E
- [ ] B) Pack C
- [ ] C) Pack D
- [ ] D) Pack A
- [ ] E) Pack B

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116 8 balloons cost £4.40. How much do 4 balloons cost?

- [ ] A) £0.55
- [ ] B) £1.10
- [ ] C) £17.60
- [ ] D) £-17.60
- [ ] E) £2.20

---

117 Tom compares packs of cereal: pack A is 200 g for £1.20; pack B is 250 g for £1.48; pack C is 500 g for £2.85; pack D is 750 g for £3.98; pack E is 1200 g for £6.48. Which pack is the best value for money?

- [ ] A) Pack A
- [ ] B) Pack B
- [ ] C) Pack D
- [ ] D) Pack C
- [ ] E) Pack E

---

118 3 muffins cost £2.55. How much do 2 muffins cost?

- [ ] A) £5.10
- [ ] B) £0.85
- [ ] C) £-0.85
- [ ] D) £1.70
- [ ] E) £-2.55

---

119 Niamh compares packs of orange juice: pack A is 100 ml for £0.59; pack B is 150 ml for £0.60; pack C is 400 ml for £3.56; pack D is 750 ml for £4.88; pack E is 1000 ml for £5.00. Which pack is the best value for money?

- [ ] A) Pack B
- [ ] B) Pack C
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack D

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120 A bakery offers 3 muffins for £2.00. What is the price of one muffin (to the nearest hundredth of a pound)?

- [ ] A) £0.60
- [ ] B) £0.75
- [ ] C) £0.66
- [ ] D) £0.70
- [ ] E) £0.67

---

121 2 muffins cost £1.30. Leo has £3.90. How many muffins can Leo buy?

- [ ] A) 5
- [ ] B) 6
- [ ] C) 12
- [ ] D) 7
- [ ] E) 3

---

122 6 rulers cost £6.00. How much do 4 rulers cost?

- [ ] A) £4.00
- [ ] B) £1.00
- [ ] C) £3.00
- [ ] D) £-2.00
- [ ] E) £24.00

---

123 Declan compares packs of orange juice: pack A is 250 ml for £1.50; pack B is 400 ml for £1.76; pack C is 750 ml for £3.82; pack D is 800 ml for £5.12; pack E is 1000 ml for £5.60. Which pack is the best value for money?

- [ ] A) Pack C
- [ ] B) Pack D
- [ ] C) Pack A
- [ ] D) Pack E
- [ ] E) Pack B

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124 3 bananas cost £6.75. Isla has £15.75. How many bananas can Isla buy?

- ☐ A) 9
- ☐ B) 21
- ☐ C) 7
- ☐ D) 6
- ☐ E) 8

---

125 3 football stickers cost £3.00. How much do 6 football stickers cost?

- ☐ A) £18.00
- ☐ B) £7.00
- ☐ C) £6.00
- ☐ D) £3.00
- ☐ E) £1.00

---

126 Four pencils cost 75p. How many pencils can you buy for £3.00?

(2)

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Mark scheme · 2.82 Direct Proportion and Value for Money: 2-hour Pack

Question 1

correct option D (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack E

Question 2

correct option A (12) cao; unit cost is 5p **B1**

Answer: A) 12

Question 3

correct option B (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack B

Question 4

correct option D (£15.00) cao; one costs 100p so 15 cost 15 x 100p **B1**

Answer: D) £15.00

Question 5

correct option E (£2.75) cao; one costs 25p so 11 cost 11 x 25p **B1**

Answer: E) £2.75

Question 6

correct option D (£8.00) cao; one costs 50p so 16 cost 16 x 50p **B1**

Answer: D) £8.00

Question 7

correct option E (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack C

Question 8

correct option A (£21.00) cao; one costs 150p so 14 cost 14 x 150p **B1**

Answer: A) £21.00

Question 9

correct option C (£5.25) cao; one costs 25p so 21 cost 21 x 25p **B1**

Answer: C) £5.25

Question 10

correct option B (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack D

Question 11

correct option C (£8.40) cao; one costs 35p so 24 cost 24 x 35p **B1**

Answer: C) £8.40

Question 12

correct option E (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack D

Question 13

correct option A (£4.00) cao; one costs 50p so 8 cost 8 x 50p **B1**

Answer: A) £4.00

Question 14

correct option E (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack D

Question 15

correct option D (£2.10) cao; one costs 10p so 21 cost 21 x 10p **B1**

Answer: D) £2.10

Question 16

correct option B (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack C

Question 17

correct option E (£1.68) cao; one costs 12p so 14 cost 14 x 12p **B1**

Answer: E) £1.68

Question 18

correct option C (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack D

Question 19

correct option D (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack B

Question 20

correct option C (14) cao; unit cost is 225p **B1**

Answer: C) 14

Question 21

correct option E (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack C

Question 22

correct option B (£2.40) cao; one costs 20p so 12 cost 12 x 20p **B1**

Answer: B) £2.40

Question 23

correct option A (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack E

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Question 24

correct option D (£1.60) cao; one costs 10p so 16 cost 16 x 10p **B1**

Answer: D) £1.60

Question 25

correct option B (£15.60) cao; one costs 65p so 24 cost 24 x 65p **B1**

Answer: B) £15.60

Question 26

correct option C (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack D

Question 27

correct option A (£6.00) cao; one costs 25p so 24 cost 24 x 25p **B1**

Answer: A) £6.00

Question 28

correct option D (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack C

Question 29

correct option B (£2.16) cao; one costs 18p so 12 cost 12 x 18p **B1**

Answer: B) £2.16

Question 30

correct option E (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack D

Question 31

correct option B (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack E

Question 32

correct option D (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack A

Question 33

correct option C (£3.60) cao; one costs 20p so 18 cost 18 x 20p **B1**

Answer: C) £3.60

Question 34

correct option A (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack E

Question 35

correct option E (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack E

Question 36

correct option B (£3.00) cao; one costs 20p so 15 cost 15 x 20p **B1**

Answer: B) £3.00

Question 37

correct option D (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack D

Question 38

correct option D (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack A

Question 39

correct option E (£1.30) cao; one costs 10p so 13 cost 13 x 10p **B1**

Answer: E) £1.30

Question 40

correct option B (£5.00) cao; one costs 100p so 5 cost 5 x 100p **B1**

Answer: B) £5.00

Question 41

correct option A (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack A

Question 42

correct option E (£1.75) cao; one costs 25p so 7 cost 7 x 25p **B1**

Answer: E) £1.75

Question 43

correct option C (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack B

Question 44

correct option E (£5.20) cao; one costs 65p so 8 cost 8 x 65p **B1**

Answer: E) £5.20

Question 45

correct option B (£4.00) cao; one costs 25p so 16 cost 16 x 25p **B1**

Answer: B) £4.00

Question 46

correct option A (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack A

Question 47

correct option A (£1.68) cao; one costs 12p so 14 cost 14 x 12p **B1**

Answer: A) £1.68

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Question 48

correct option D (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack C

Question 49

correct option C (£1.80) cao; one costs 30p so 6 cost 6 x 30p **B1**

Answer: C) £1.80

Question 50

correct option C (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack D

Question 51

correct option E (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack E

Question 52

correct option B (£3.00) cao; one costs 100p so 3 cost 3 x 100p **B1**

Answer: B) £3.00

Question 53

correct option E (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack D

Question 54

correct option A (£19.50) cao; one costs 150p so 13 cost 13 x 150p **B1**

Answer: A) £19.50

Question 55

correct option D (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack A

Question 56

correct option C (9) cao; unit cost is 10p **B1**

Answer: C) 9

Question 57

correct option A (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack B

Question 58

correct option B (18) cao; unit cost is 25p **B1**

Answer: B) 18

Question 59

correct option D (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack A

Question 60

correct option E (10) cao; unit cost is 55p **B1**

Answer: E) 10

Question 61

correct option E (13) cao; unit cost is 150p **B1**

Answer: E) 13

Question 62

correct option D (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack D

Question 63

correct option A (£10.45) cao; one costs 95p so 11 cost 11 x 95p **B1**

Answer: A) £10.45

Question 64

correct option B (10) cao; unit cost is 35p **B1**

Answer: B) 10

Question 65

correct option B (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack E

Question 66

correct option E (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack A

Question 67

correct option A (£1.50) cao **B1**

Answer: A) £1.50

Question 68

correct option D (£1.44) cao; one costs 18p so 8 cost 8 x 18p **B1**

Answer: D) £1.44

Question 69

correct option B (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack D

Question 70

correct option B (£0.60) cao; one costs 30p so 2 cost 2 x 30p **B1**

Answer: B) £0.60

Question 71

correct option A (£20.40) cao; one costs 120p so 17 cost 17 x 120p **B1**

Answer: A) £20.40

Question 72

correct option D (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack E

Question 73

correct option D (£21.00) cao; one costs 100p so 21 cost 21 x 100p **B1**

Answer: D) £21.00

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Question 74

correct option A (16) cao; unit cost is 150p **B1**

Answer: A) 16

Question 75

correct option B (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack D

Question 76

correct option D (£6.00) cao **B1**

Answer: D) £6.00

Question 77

correct option E (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack C

Question 78

correct option B (£47.25) cao; one costs 225p so 21 cost 21 x 225p **B1**

Answer: B) £47.25

Question 79

correct option C (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack B

Question 80

correct option A (£7.15) cao; one costs 55p so 13 cost 13 x 55p **B1**

Answer: A) £7.15

Question 81

correct option D (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack A

Question 82

correct option C (£7.20) cao; one costs 30p so 24 cost 24 x 30p **B1**

Answer: C) £7.20

Question 83

correct option E (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack C

Question 84

correct option A (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack B

Question 85

correct option D (16p per 100 g) cao **B1**

Answer: D) 16p

Question 86

correct option D (10) cao; unit cost is 20p **B1**

Answer: D) 10

Question 87

correct option E (£11.00) cao; one costs 100p so 11 cost 11 x 100p **B1**

Answer: E) £11.00

Question 88

correct option A (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack E

Question 89

correct option B (10) cao; unit cost is 12p **B1**

Answer: B) 10

Question 90

correct option C (£1.90) cao; one costs 10p so 19 cost 19 x 10p **B1**

Answer: C) £1.90

Question 91

correct option E (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack E

Question 92

correct option A (11) cao; unit cost is 35p **B1**

Answer: A) 11

Question 93

correct option D (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack D

Question 94

correct option B (£0.54) cao; one costs 18p so 3 cost 3 x 18p **B1**

Answer: B) £0.54

Question 95

correct option C (Pack C) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack C

Question 96

correct option A (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack B

Question 97

correct option B (£0.64) cao; one costs 8p so 8 cost 8 x 8p **B1**

Answer: B) £0.64

Question 98

correct option E (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack E

Question 99

correct option B (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack B

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Question 100

correct option A (£10.20) cao; one costs 85p so 12 cost 12 x 85p **B1**

Answer: A) £10.20

Question 101

correct option D (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack E

Question 102

correct option C (15) cao; unit cost is 65p **B1**

Answer: C) 15

Question 103

correct option E (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack D

Question 104

correct option A (£4.75) cao; one costs 25p so 19 cost 19 x 25p **B1**

Answer: A) £4.75

Question 105

correct option D (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack E

Question 106

correct option B (20) cao; unit cost is 12p **B1**

Answer: B) 20

Question 107

correct option C (Pack A) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack A

Question 108

correct option D (£4.20) cao; one costs 20p so 21 cost 21 x 20p **B1**

Answer: D) £4.20

Question 109

correct option B (11) cao; unit cost is 5p **B1**

Answer: B) 11

Question 110

correct option A (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack E

Question 111

correct option A (£2.40 per litre) cao **B1**

Answer: A) £2.40 (£1.80 ÷ 0.75 L = £2.40 per litre)

Question 112

correct option B (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: B) Pack D

Question 113

correct option C (£1.80) cao; one costs 20p so 9 cost 9 x 20p **B1**

Answer: C) £1.80

Question 114

correct option D (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: D) Pack B

Question 115

correct option A (Pack E) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack E

Question 116

correct option E (£2.20) cao; one costs 55p so 4 cost 4 x 55p **B1**

Answer: E) £2.20

Question 117

correct option C (Pack D) cao; the lowest price per unit is the best value **B1**

Answer: C) Pack D

Question 118

correct option D (£1.70) cao; one costs 85p so 2 cost 2 x 85p **B1**

Answer: D) £1.70

Question 119

correct option A (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: A) Pack B

Question 120

correct option E (£0.67) cao **B1**

Answer: E) £0.67

Question 121

correct option B (6) cao; unit cost is 65p **B1**

Answer: B) 6

Question 122

correct option A (£4.00) cao; one costs 100p so 4 cost 4 x 100p **B1**

Answer: A) £4.00

Question 123

correct option E (Pack B) cao; the lowest price per unit is the best value **B1**

Answer: E) Pack B

Question 124

correct option C (7) cao; unit cost is 225p **B1**

Answer: C) 7

Question 125

correct option C (£6.00) cao; one costs 100p so 6 cost 6 x 100p **B1**

Answer: C) £6.00

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Question 126

use of scaling or unitary method to find number of pencils (e.g. 75p for 4 implies 300p for 16) ft **M1**

16 pencils cao **A1**

Answer: 16 pencils (75p × 4 = 300p so £3.00 buys 4 × 4 = 16 pencils)

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