

KS3 – Financial Maths – Answers

Section A – Money Problems

Q1

- a) £9.15
- b) £6.35
- c) £25.50
- d) £3.50

Q2

- a) £16.01
- b) £29.00
- c) £1.60

Q3

- a) £32
- b) £50
- c) £36.50

Q4

- a) £45
- b) £60
- c) £132

Q5

- a) £100
- b) £64.85
- c) £90

Q6

Total spent = £106.30.

Budget left = £13.70.

Section B – Currency Conversion

Q7

- a) €12
- b) €42
- c) £50

Q8

- a) \$25
- b) \$60
- c) £40
- d) £80

Q9

- a) €46
- b) €92
- c) £80

Q10

- a) \$32.50
- b) £40
- c) \$97.50

Q11

- a) €80
- b) £36
- c) £60

Q12

Euros received = €177.

Pounds kept = £50.

Section C – Best Buys

Q13

- a) 6 pens for £4.50 (75p each; other option 80p each).
- b) 8 bottles for £9.20 (£1.15 each; other option £1.20 each).
- c) 5 notebooks for £8.50 (£1.70 each; other option £1.80 each).

Q14

- a) 10 yoghurts for £5.50 (55p each; other option 60p).
- b) 6 batteries for £9.60 (£1.60 each; other option £1.70).
- c) 12 cartons for £6.60 (55p each; other option 60p).

Q15

- a) 750 g cereal: 56p per 100 g; 500 g option is 60p per 100 g.
- b) 600 g pasta: 35p per 100 g; 400 g option is 40p per 100 g.
- c) 400 g nuts: 90p per 100 g; 250 g option is £1.00 per 100 g.

Q16

- a) Shop B: £1.40 per drink; Shop A is £1.50.
- b) 3 kg bag: £2.40/kg; 2 kg bag is £2.60/kg.
- c) Pack of 20: 33p each; pack of 12 is 35p each.

Q17

Shop A: 5 packs = 30 bottles, costing £21.00.
Shop B: 3 packs = 30 bottles, costing £19.50.
Shop B is £1.50 cheaper.