Value for Money 51-53, National 4

- 1. Tins of paint come in three different sizes 10 litres, 5 litres and 2.5 litres.
 - (a) Copy and complete the table below to find the cost of each of these tins per litre.

Size of tin	Cost	Cost per litre
10 litres	£21.50	
5 litres	£12.50	
2.5 litres	£6.50	



- (b) Which size of tin gives best value for money?
- (c) Stephen needs 15 litres of paint to paint his bedroom. Should he buy a 10 litre and a 5 litre tin or three 5 litre tins?
- 2. Milk can be bought in 1 litre cartons or 2 litre bottles, as shown below.



Cost = 67 pence



Cost = £1.40

Which of the above is better value for money?

3. Tins of tomato soup can be bought as single tins or in packs of 4, as shown.



Cost = 67 pence



Cost = £2.24

Amanda wants to buy 4 tins of tomato soup. Is it cheaper to buy 4 single tins or a pack of 4 tins?

- 4. Stuart needs to buy engine oil to top up the oil in his car. He can buy the oil in 5 litre bottles which cost £7.99 or 8 litre bottles which cost £11.99. Which size of bottle offers better value for money?
- 5. Sugar can be bought in 1 kilogram costing 86 pence or 2 kilogram bags costing £1.55.



GRANULATED

Which bag offers better value for money?

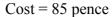
6. Cat litter can be bought in three different sizes -20 litres, 10 litres and 5 litres. The table below shows the cost of each bag of cat litter.

Cost	Size of bag	Cost per litre
£9.50	20 litres	
£4.65	10 litres	
£2.99	5 litres	

Which bag of cat litter offers best value for money?

7. Coca-cola can be bought in 1 litre and 2 litre bottles, as shown.







Cost = £1.60

- (a) Which bottle offers best value for money?
- (b) Hazel is having a party. She decides to buy 9 litres of coca-cola. What is the cheapest price she can pay for 9 litres of coca-cola?
- 8. Tea bags come in boxes of 40 or boxes of 80.



Cost = 72 pence



Cost = £1.52

Which box gives better value for money?

9. Suhayl has an HP printer for his computer. Replacement ink cartridges can be bought in two forms – genuine HP cartridges or refill cartridges. The genuine HP cartridges will print 300 pages and cost £15.60. The refill cartridges will print 250 pages and cost £12.25.

Which type of cartridge is better value for money?

10. Baked beans can be bought as single tins or in 4–packs, as shown.



Cost = 52 pence



Cost = £2.12

Is it cheaper to buy 4 single tins of beans or a pack of 4?

11. Margarine can be bought in 500 gram or 1 kilogram tubs. A 500 gram tub costs 86 pence and a 1 kilogram tub costs £1.54.



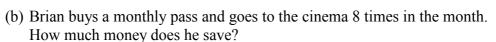
Which size of tub is better value for money?

12. Nadia buys 'Look' magazine every week. The magazine costs £1.60. She decides to buy a yearly subscription for the magazine that will cost her £65.

How much will she save in a year if she buys the subscription?



- 13. Brian is a student and goes to the cinema regularly. It costs him £4.50 to get into the cinema but he can buy an unlimited monthly pass for £14.
 - (a) How many visits to the cinema in one month must Brian make for a monthly pass to be better value?





14. Michael is a season ticket holder at Dundee United football club. His season ticket costs him £280 and guarantees him entry to 20 home games. Without a season ticket, entry to each game costs £18.50.

If Michael attends all 20 home games, how much does he save by having a season ticket?



- 15. Samia wants to improve her fitness levels and is going to go to a gym. She can pay £5.20 for each session in the gym or buy a monthly pass costing £55 which means she can use the gym as often as she wants.
 - (a) If she buys a monthly pass, how often must she use the gym in a month to make the monthly pass worthwhile?
 - (b) During the first month she has a pass she uses the gym 15 times. How much money does she save by buying the pass?

