

Name:

Exam Style Questions

**Best Buys**



Equipment needed: Calculator, pen

### Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

**Video 210**



Answers and Video Solutions



1. Water is sold in two sizes.



1 gallon



85p

2 gallons



£1.72

Which is the better value for money?  
You must show all your working.

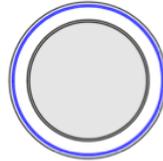
(2)

2. The same type of dinner plate is sold in two different packs.



Small pack  
Contents  
3 plates

£5.25



Large pack  
Contents  
12 plates

£21.24

Which is the better value for money?  
You must show all your working.

(2)

3. Vegetarian burgers are sold in two different sizes.



Regular Packet  
8 burgers



£1.59

Large Packet  
24 burgers



£4.79

Which size packet is the better value for money?  
You must show all your working.

(2)

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4. James and Maddie are selling cupcakes.

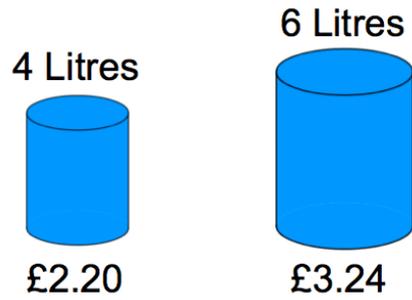


James sells 6 cupcakes for £5  
Maddie sells 4 cupcakes for £3.50

Which is better value?  
You must show all your working.

(3)

5. Orange juice is sold in two size containers.

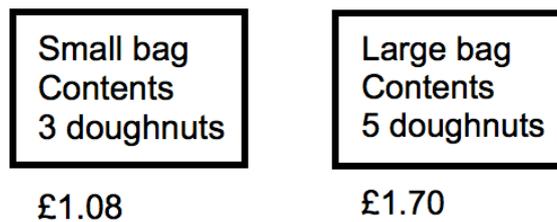


A small container contains 4 litres of orange juice and costs £2.20  
A large container contains 6 litres of orange juice and costs £3.24

Which size of container gives the better value for money?  
You must show all your working.

(4)

6. A shop sells doughnuts in two different size bags.



Which is the better value for money?  
You must show all your working.

(3)

7. Snacks can be bought in



- a pack of 8 biscuits for £1.92
- a pack of 10 biscuits for £2.55

Which of these two packs is better value for money?  
You must show all your working.

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(3)

8. In a shop, glue sticks cost:



- 75p each
- or
- £3.50 for a box of 5 glue sticks

Work out the cheapest price for 24 glue sticks.

.....  
(3)

9. 50 rulers cost £10



30 protractors cost £5.40

A protractor is cheaper than a ruler.

Work out how much cheaper.

.....  
(3)

10. Two teachers, Mr Stevens and Miss Hendry each buy 180 pencils.



Small box

20 pencils for £1.60

Large box

30 pencils for £2.19

Mr Stevens buys only small boxes of pencils.

Miss Hendry buys only large boxes of pencils.

Work out how much more Mr Stevens pays for the 180 pencils than Miss Hendry.

.....  
(4)

11. A shop normally sells a packet of 15 pens for £4.50



In a sale, they offer 2 packets for £7.80

The shop put up this sign.

Save 5p per pen!

Is the sign correct?

You must show your working.

(3)

12. A shop sells Cola in three different size bottles.



2 Litre

£1.99

600ml

62p

1.5 Litre

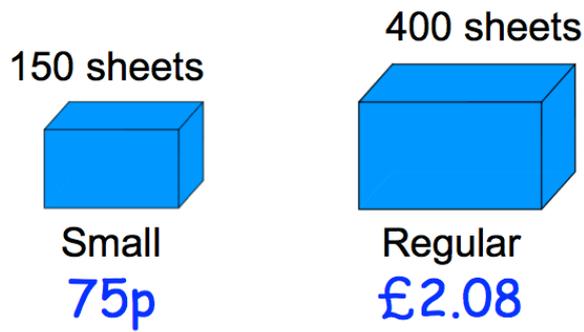
£1.53

Which size bottle is the best value for money?

You must show all your working.

(3)

13. There are two different packets of the same type of paper in a shop.



Which of the two packets gives the better value for money?  
You must show your working.

(4)

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14. Bramley apples cost £4.60 for a 3kg bag at Supervalu supermarket.  
The same type of apples cost £11.40 for a 7.5kg bag at Nixon's supermarket.



Where are the apples the best value for money?  
You must show your working.

(4)

15. A supermarket sells Baked Beans in two different size cans.



215g

40p



395g

74p

Which size can is the best value for money?  
You must show all your working.

(4)

16. A shop sells the same brand of washing powder in 3 different sized boxes.



Small Box  
900g  
for  
£2.52

Standard Box  
2.25kg  
for  
£6.03

Family Box  
4kg  
for  
£10.90

(a) Which box is the best value for money?  
You must show your working.

(4)

(b) Explain why a customer may choose to buy a pack which is not best value for money.

.....  
.....  
.....

(1)

17. Two hardware stores sell lightbulbs.



**Home World**  
6 lightbulbs  
WAS £30  
NOW 15% off

**Oklahoma DIY**  
lightbulbs - £6.50  
Buy 2 get 1 free

Nicole wants to buy 42 lightbulbs.

At which hardware store is it cheaper for Nicole to buy the lightbulbs?  
You must show your working.

(4)

18. A supermarket sells cashew nuts in 200g packets and 500g packets.  
They have two offers on the cashew nuts.



200g

5 packets for £9.80

500g

3 packets for £14.75

Which offer is better value for money?  
You must show your working.

(4)

19. Candles normally cost £6 each.  
Two websites have special offers



**Corbettmaths Candles**

**Buy 3 get 1 free**

**Candles'R'us**

**20% off**

Laura wants to buy 30 candles.  
Which website should Laura use?

**(4)**

20. Two shops sell the same type of perfume.  
A 100ml bottle of perfume normally costs £40.



### Shop A

50% extra free



Only £40

### Shop B

Buy one get the second  
HALF PRICE



Normal price £40  
for 100ml

Rebecca says that both offers give the same value for money.  
Is she correct? Show your working.

(5)

21. In England, a 10 mile train journey costs £6.40  
In Ireland, a 20km train journey costs €10.85



At the time £1 = €1.40  
1 mile  $\approx$  1 kilometre

Which train journey is better value?

(4)

- 
22. A company normally makes 200g bars of chocolate.



As the cost of the ingredients has increased, the company are planning to either:

Option 1 - increase the price of the bar by 20%

Option 2 - keep the price the same but reduce the amount of chocolate by 30%

Work out which option gives better value for their customers.  
Explain your answer.

.....

.....

.....

(4)