



**Starter:**

1. Work out  $£5.32 \div 7$
2. Work out  $£1.25 \times 13$
3. Work out 12% of  $£3.50$
4. Reduce  $£5.50$  by 14%
5. Convert 1.2 kg to g

**Skills:**

1. Two shops sell Yoghurts. In Sal's shop you can get 5 yoghurts for  $£1.80$ . In Llio's shop you can get 3 yoghurts for  $£1.05$ . In which shop do you get better value for money? **You must show your method.**
  
2. Potatoes cost  $£11$  for a 12.5kg bag at a farm shop. The same type of potatoes cost  $£2.30$  for a 2.5kg bag at a supermarket. Where are the potatoes better value? **You must show your method.**

**Top Tips!**

- You must have a fair comparison – like a “fair test” in Science.
- Use tables to make your method clear to the examiner – **you must show your method clearly**

E.g. In Shop A, 10 cans of pop cost  $£3.60$ . In shop B, 6 cans of pop cost  $£2.10$ . Where are the cans better value for money?

**Shop A**

Cans	10	20	30						
Cost	3.60	7.20	10.80						

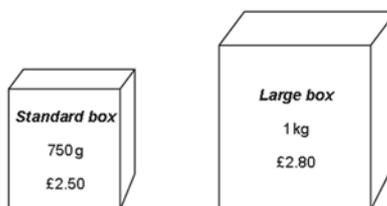
**Shop B** - Is better value for money

Cans	6	12	24	30					
Cost	2.10	4.20	8.10	10.30					

**Examination Question:**

**Best buys - 2015 Summer Unitised U3 Higher Q8**

A supermarket sells the same type of breakfast cereal in 2 different-sized boxes. The weight and usual price of each box are shown.



*Diagrams not drawn to scale*

This week the price of a standard box is reduced by 18%. Which box is the best value for money this week? Show all your working.[5+2]



**Starter:**

1. Work out  $£5.32 \div 7$   
**£0.76**
2. Work out  $£1.25 \times 13$   
**£16.25**
3. Work out 12% of £3.50  
**£0.42**
4. Reduce £5.50 by 14%  
**£4.73**
5. Convert 1.2 kg to g  
**1200g**

**Top Tips!**

- You must have a fair comparison – like a “fair test” in Science.
- Use tables to make your method clear to the examiner – **you must show your method clearly**

E.g. In Shop A, 10 cans of pop cost £3.60. In shop B, 6 cans of pop cost £2.10. Where are the cans better value for money?

**Shop A**

Cans	10	20	30						
Cost	3.60	7.20	10.80						

**Shop B** - Is better value for money

Cans	6	12	24	30					
Cost	2.10	4.20	8.10	10.30					

**Skills:**

1.

**Sal's shop**

5	10	15		
£1.80	£3.60	£5.40		

**Llio's shop**

3	6	12	15
£1.05	£2.10	£4.20	£5.25

**Llio's shop is better value for money.**

2.

**Farm shop**

12.5kg				
£11				

**Supermarket**

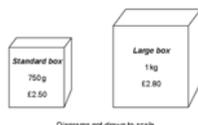
2.5kg	5kg	10kg	12.5kg
£2.30	£4.60	£9.20	£11.50

**The farm shop is better value for money.**

**Examination Question:**

**Best buys - 2015 Summer Unitised U3 Higher Q8**

A supermarket sells the same type of breakfast cereal in 2 different-sized boxes. The weight and usual price of each box are shown.



This week the price of a standard box is reduced by 18%. Which box is the best value for money this week? Show all your working.[5+2]

18% of £2.50 = £0.45  
Sale price of Standard box = £2.50 - £0.45 = £2.05

**Standard box**

Grams	750	1500							
Cost	£2.05	£4.10							

**Large box**

Grams	1000	500	1500						
Cost	£2.80	£1.40	£4.20						

**The standard box is better value for money.**

**Assessment for Learning**

**Video / QR code**

