

You will probably need to use extra paper to show your workings out.

1. Aaliyah wants to buy 7 tickets.

Three ticket agencies sell the same type of ticket.

Tick 4 Tickets	
ticket	£7.00 (buy 1 get 1 half price)

Every Event	
ticket	£7.20 (buy 2 get 1 free)

Great Evenings	
ticket	£5.00

Aaliyah wants to pay the lowest total price.

Which agency should Aaliyah buy the 7 tickets from?

You must show all your working.

2. Zahra wants to buy 1 nail polish remover and 2 bottles of nail polish.

Three shops sell the same size and type of nail polish remover and nail polish.

Personal Grooming	
nail polish remover	£1.50
nail polish	£3.00

Body Beautiful	
nail polish remover	£1.99
nail polish	£4.99 (buy 1 get 1 free)

Chemistry	
nail polish remover	£1.10
nail polish	£4.50 (buy 1 get 1 half price)

Zahra wants to buy the nail polish remover and 2 bottles of nail polish from the same shop.

She wants to pay the lowest total price.

Which shop should Zahra buy the nail polish remover and 2 bottles of nail polish from?

You must show all your working.

Answers for page 2

Turn over for more questions and answers

- 3) Convenience and Comfort because

travel agent	method	Total
The Grand	$4 \times £54$	= £216
Boutiqueuly	$£120 + 2 \times £50$	= £220
Convenience and Comfort	$3 \times £71$	= £213

- 4) F or Fun because

shop	pump	balloons method	subT	Total
<i>Party</i> ²	£1.10	$£1.50 + £2.00$	= £3.50	= £4.60
F is for Fun	$£2.50 + 2 \times £0.59 = £2.50 + £1.18$			= £3.68
Entertainment Elves	£1.00	$2 \times £1.50$	= £3.00	= £4.00

3. Lachlan wants to stay 4 nights at a hotel over a weekend.

A travel agent finds 3 suitable deals.

<p>The Grand</p> <p>Stay 3 or more nights, £54 per night</p>
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<p>Convenience and Comfort</p> <p>1 night £71 (3 nights for the price of 2)</p>

<p>Boutiquely</p> <p>weekend special* 2 nights for £120</p> <p>each extra night £50</p> <p>*must include a Saturday night</p>

Lachlan wants to pay the lowest total price.

Which hotel should Lachlan book 4 nights stay from?

You must show all your working.

4. Lloyd wants to buy 1 balloon pump and 75 balloons.

Three shops sell the same types of balloon pump and balloons.

<p><i>Party²</i></p> <p>balloon pump £1.10</p> <p>25 balloons £1.50</p> <p>50 balloons £2.00</p>

<p>F is for Fun</p> <p>balloon pump and 25 balloons £2.50</p> <p>balloon pump £2.25</p> <p>25 balloons £0.59</p>
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<p>Entertainment Elves</p> <p>balloon pump £1.00</p> <p>25 balloons £1.50 (buy 1 get 1 free)</p>
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Lloyd wants to buy the 1 balloon pump and 75 balloons from the same shop.

He wants to pay the lowest total price.

Which shop should Lloyd buy 1 balloon pump and 75 balloons from?

You must show all your working.

Answers for page 1

	shop	method	Total
1) Great Evenings because	Great Evenings	$7 \times £5.00$	= £35.00
	Tick 4 Tickets	$7 \div 2 (= £3.50); 4 \times £7.00 + 3 \times £3.50$	= £38.50
	Every Event	$5 \times £7.20$	= £36.00

	shop	remover	nail polish method	subT	Total
2) Body Beautiful	Personal G.	£1.50	$2 \times £3.00$	= £6.00	= £7.50
	Body B.	£1.99	£4.99	= £4.99	= £6.98
	Chemistry	£1.10	$£4.50 \div 2 (= £2.25) + £4.50$	= £6.75	= £7.85