# COMPARING COSTS - PRACTICE QUESTIONS

1. Mike is shopping for a laptop. He sees adverts from two shops.



## Computer World

Laptops £300 each + VAT at 20%

#### PC Planet

Laptops £380 with a discount of 15%

Which shop sells the laptop at the cheapest price?

£380-57=£323

PC Planet is Cheaper.

2.

Naomi needs to buy 10 bottles of wine for a party. She sees adverts from three supermarkets.

#### Did1

Bottles of wine £2.15 each

#### Cesto

5 bottles of wine for £12

## Adli

10 bottles of wine for £22

Which supermarket sells 10 bottles of wine at the cheapest price?

Cesto: 12 × 2 = £24

Adli: E22

Didl is cheapest

3. Oscar is shopping for a table and four chairs for his dining room. He sees adverts from two shops with different offers.

#### Q & B

Tables £15 each Chairs £3.50 each

#### **FDS**

Special offer: Table and 4 chairs for £42

Which shop is cheaper?

14+15=£29

all is cheapest.

Penny is looking for a maths tutor for her 12-year-old daughter. She sees two adverts.

#### Dan The Maths Man

£25 per hour Discount of 25% for under-16s

## **Groovy Tutors**

£18 per hour + VAT at 20%

Which is cheaper?

Dan: 25% of 
$$£25 = £6.25$$
  
25 - 6.25 = £18.75

Dan The Maths Man is Cheapest.

5.
Ralph is buying dog food for his dog, Sandy.
He wants to buy a week's worth of dog food.
Sandy needs 2 tins of dog food each day.
Ralph sees two adverts.

## **Pampered Pooches**

Tins of dog food £1.20 each Sale: 7 tins for the price of 6

## **PetZone**

Dog food: Pack of 14 tins for £15

Which shop is cheaper?

Pampered Pooches:  $6\pm ins = 6\times1.20= E7.20$ 12 tins = E14.40

Petzone = £15

Pampered Pooches is cheapest.

Tammy is shopping for biros for her office. She wants to buy 100 biros. She sees two adverts online.

## **Stationery Shop**

Biros 52p each Free postage and packing for orders over £50

#### **Biros Online**

Biros £0.90 each Half price if buying more than 50 Postage and packing £7.50

Which shop is cheaper?

Stationery Shop is cheapest.

7.
Ursula is shopping for a sofa online.
She sees two adverts.

#### Super Sofas

Sofas £150 each Sale price: 15% off Free delivery

## The Furniture Store

Sofas £110 each Delivery charge of £12.50

Which shop is cheaper?

Super Sofas: 15% of £150=£2250 150-2250=£12750 Furniture store: 110+12.50 = £122.50

The Furniture Store is cheapest.

Imogen is shopping for soil for her garden. She sees two adverts.

## Graham's Garden Shop

Bags of soil (3kg) £4.40 each

Offer: 5% off when you spend £40

## MegaMart

Bags of soil (1kg) £2.10 each Bags of soil (5kg) £7.50 each

Imogen needs 27 kg of soil for her garden. Which shop is cheaper?

GGS: 
$$27 \div 3 = 9$$
 bags needed  $9 \times 4.40 = £39.60$ 

£41.70

=£2,670

# Graham's Garden Shop is cheapest.

9. John is looking for a printing company to print 3,000 leaflets. He sees two adverts.

# **Printing Paradise**

Colour prints 98p per leaflet Black & white prints 39p per leaflet

#### Ink Inc.

All prints 89p per leaflet

Special offer: 15% off

John needs to print 1,000 leaflets in black and white, and the other 2,000 in colour. Which company is cheaper?

PP: 
$$88W = 39 \times 1,000 = 39,0000$$
 II.  $89 \times 3,000 = 267000$   
 $= £390$   $= £2,670$   
 $= £390$   $= £2,670$   
 $= £1960$   $= £1960$   $= £2,350$   $= £2,269.50$ 

Ink. Inc. is dreapest.

Kylie is baking cakes for an event. She needs 40 eggs.

She sees two adverts.

## Prince Farm Shop

Large pack (12 eggs) £3.60 each Small pack (6 eggs) £2.50 each

## Murrison's

Large pack (15 eggs) £4.20 Small pack (8 eggs) £2.60

Which shop is cheaper?

PFS: Large pack is best value for money.

M: Lorge packis lest value for

Murrison's is cheapest.

11.

Lewis is looking for a plumber to fix his kitchen. He sees two adverts.

## Paul The Plumber

£40 per hour + VAT at 20%

+ call-out charge of £45

Handyman Hans

£160 for 5 hours + £50 for each additional hour + call-out charge of £60

Paul says the job will take 6 hours. Hans says the job will take 7 hours. Who is cheaper?

Handyman Hars is cheapest.

Mary wants a Chinese takeaway.

She wants Sweet and Sour Chicken with Egg Fried Rice delivered.

She sees two adverts.

## **Beijing Palace**

Sweet and Sour Chicken £6.60 Egg Fried Rice £2.10

Free delivery if within 5 miles Delivery £5 if more than 5 miles

#### China Garden

Sweet and Sour Chicken £5.95 Egg Fried Rice £2.15

Delivery £1.35 per mile

Mary lives 7 miles from Beijing Palace and 4 miles from China Garden. Which takeaway is cheaper?

BP: 6.60+2.10= £8.70 8.70+5 = £13.70 CG: 5.95+2.15= £8.10 Delivery: 4× £1.35= £5.40 8.10+5.40= £13.50

China Garden is cheapest.

13.

Nathan is buying cricket equipment for his cricket club.

He needs 5 bats, 30 balls and 5 helmets – to be delivered.

He sees two adverts.

## **Sports Online**

10 balls for £25 Bats £65 each Helmets £15 each

+ VAT at 20% Free delivery for orders over £500

## Christopher's Cricket Shop

Balls £3 each Bats £55 each Helmets £13 each

Delivery £3 per £10 spent

Which is cheaper?

SO: Balls: £25×3=£75

Bats: £65×5=£325

Helmets: £15×5= £75

325+75+75=£475

201. £475=£95

475+95=£570

CCS: Balls: £3×30=£90

Bats: £55×5=£275

Helmets: £13×5=£65

90+275+65=£430

Delivery: 430+10=43×£3
=£129

430+129=£559

Christopher's Cricket Shop is cheapest.