

Value for money

Core

- 1: 6 chairs cost £84 in total.

How much does 1 chair cost?

- 2: A grocery shop sells apples and pears.

5 apples cost 60p.

8 pears cost 72p.

a) Work out the cost of 1 apple, in pence (p).

b) Work out the cost of 1 pear, in pence (p).

c) Which type of fruit is **cheaper** per item?

- 3: 1 kg of cat food costs £6.38

How much does 9 kg of cat food cost?

- 4: Katie wants to buy cereal bars from either the corner shop or the supermarket.

What is the cost of 10 cereal bars at the **cheaper** shop?

Corner shop



5 cereal bars = £4

Supermarket



2 cereal bars = £1.50

5: Kieran and Sophie bought petrol from different petrol stations. The prices they paid are shown below.

a) Was Kieran's petrol or Sophie's petrol better value for money?

b) How much would 20 litres of petrol cost from the **cheaper** petrol station?

Kieran

**£16.20 for 12 litres
of petrol**



Sophie

**£20.40 for 17 litres
of petrol**



Extension

1: The table below shows how much Craig spent on ribbon at two different shops.

What is the **difference** in the price of 300 cm of ribbon between shop A and shop B?

	Length of ribbon	Cost
Shop A	140 cm	£1.68
Shop B	215 cm	£1.72

2: Two flower shops sell sunflowers for different prices, as shown below.

What is the **cheaper** price for 12 sunflowers?



£9.40 for
4 sunflowers



Were £4.80 each
Now $\frac{1}{3}$ off

3: The prices of hiring a car from two different companies are shown below.
Erin wants to hire a car to drive 950 miles in 8 days.

How much would it cost her to hire a car from the **cheaper** company?

	Company A	Company B
Daily charge	£20	£40
Cost per mile	50p	30p

Challenge

- 1: Two taxis charge different amounts, as shown below.

Beatrix wants to travel 180 miles. How much would the **cheaper** taxi journey cost her?



Taxi A

Was £35 per 30 miles
Now 15% off!



Taxi B

80p per mile

- 2: Two restaurants sell meals for different prices, as shown below.

Ruby wants to buy 2 meals. What is the **difference** between the prices she would pay at the two restaurants?

Restaurant A

£19.50 each

Buy one meal,
get another meal
half price

Restaurant B

£18 each

Buy two meals,
get 15% off the
cost of both

3: The prices of apples in two different shops are shown below.

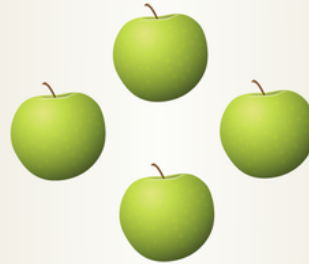
What is the cost of 24 apples at the **cheaper** shop?

Corner shop



Apples £0.40 each.
Buy 2 apples, get
another apple for free.

Supermarket



4 apples for £1.30

4: Two shops sell mugs for different prices.
The prices in each shop are shown below.

Would it **ever** be cheaper to buy mugs from shop A rather than from shop B?

Write a sentence to explain your answer.

Shop A



£7 for each mug

£2 off every 5 mugs

Shop B



£6.50 for each mug