

Question 1

- (a) Work out the cost of 5 Breakfasts.

Sam's Cafe	
<i>Cup of Tea</i>	80p
<i>Cup of Coffee</i>	90p
<i>Breakfast</i>	£2.95
<i>Today's Special</i>	£4

Dara buys some cups of tea.

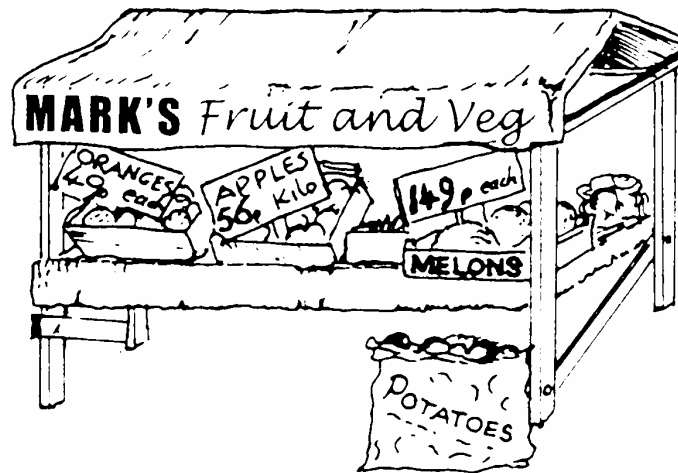
- (b) Work out the greatest number of cups of tea she can buy with £5.

A child's meal cost $\frac{7}{10}$ of the price of Today's Special.

- (c) Work out the cost of a child's meal.

Question 2

Mark has a market stall.



He sells apples at 56p for each kilogram.

Biance buys 4 kilograms of apples.

She pays for her apples with a £5 note.

(a) How much change should she get? **(3 marks)**

Mark bought 25 melons for his stall

He paid £16 for 25 melons.

(b) Work out the price Mark paid for each melon **(3 marks)**

Do **NOT** use a calculator and show **ALL** your working.

Mark sold 23 of the melons for 149p each.

(c) Work out the total amount for which Mark sold the melons. **(2 marks)**

Do **NOT** use a calculator and show **ALL** your working.

Mark usually sells oranges for 40p each.

He reduces the price to $\frac{7}{8}$ of this.

(d) Work out the new price of an orange. **(2 marks)**

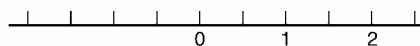
Mark bought his potatoes for 30p for each kilogram.

He sold the potatoes and made a profit of 40%.

(e) At what price did Mark sell the potatoes? **(3 marks)**

Question 3

On the number line mark with an arrow the position of the number.



i) $1\frac{1}{2}$

ii) -2

Question 4

A school buys a trampoline.

The school is given a discount of $\frac{1}{8}$ of the price.

(a) Write $\frac{1}{8}$ as

i) a decimal

ii) a percentage

(2 marks)

The price of the trampoline is £3218.

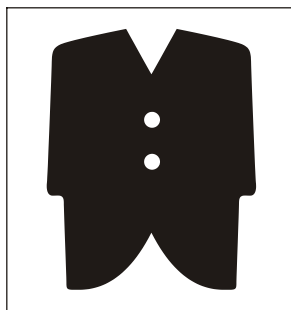
(b) Work out the price the school actually has to pay.

(3 marks)

Question 5

***LADIES'
JACKETS***

***70% Wool
30% Nylon***

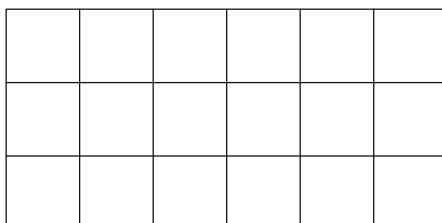


A jacket is 70% wool and 30% nylon.

- (a) Write 70% as a decimal. **(1 mark)**
- (b) Write 30% as a fraction.
Give your answer in its simplest form. **(2 marks)**
- (c) Write down the ratio of wool to nylon. **(1 mark)**

Question 6

- (a) Shade $\frac{2}{3}$ of this shape.



(1 mark)

- (b) Write $\frac{3}{5}$

- (i) as a decimal,
(ii) as a percentage.

(2 marks)

- (c) (i) Write down **thirty one thousand three hundred and two** in figures.

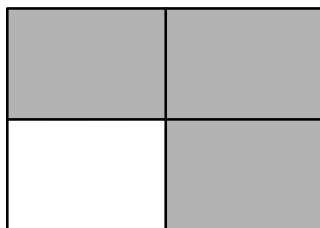
- (ii) Write down 13 820 to the nearest thousand.

(2 marks)

- (d) Explain how you would estimate 97×62 .

(2 marks)

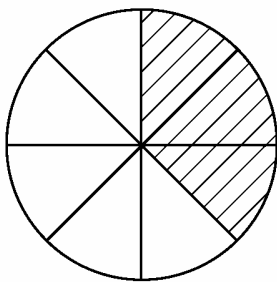
Question 7



- (a) Write down the fraction of the shape that is **shaded**. (1 mark)
(b) Write down the percentage of the shape that is **unshaded**. (1 mark)

Question 8

- (a) Write down the fraction of this shape that is **shaded**.



- (b) Add enough shading so that $\frac{3}{4}$ of the shape is shaded altogether.
(c) Write down the percentage of the shape that is now **unshaded**.

Question 9

Work out:

- (a) i) $\frac{5}{8}$ of £9.60
ii) 24% of 35 metres.

- (b) Change $\frac{3}{8}$ into
i) a decimal fraction,
ii) a percentage.

Question 10

Malika's father won £128.

He shared the £128 between his three children in the ratio 6:3:1.

Malika was given the biggest share.

- (a) Work out how much money Malika received.

Malika saved $\frac{2}{3}$ of her share.

- (b) Work out how much Malika saved.

Question 11

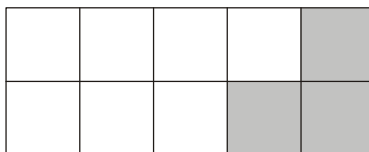
Frances sees three different advertisements for jeans.

Bob's Cut Price Jeans Normal price £30 Sale:- 15% off	DISCO'S JEANS Normal price £36 SALE PRICE $\frac{2}{3}$ Normal Price
Sanjay's Market Stall Jeans £22 + 17.5% V.A.T. <i>to be added</i>	

Work out the cost of the jeans in each advertisement.

- i) Bobs
- ii) Disco's
- iii) Sanjay's

Question 12



(a) What fraction of the shape is shaded? **(1 mark)**

(b) What percentage of the shape is shaded? **(1 mark)**

(c) Shade in more squares so that $\frac{4}{5}$ of the shape will be shaded. **(1 mark)**

Question 13

Sam wants to buy a Hooper washing machine.
Hooper washing machines are sold in three different shops.

<p><u>Washing Power</u></p> <p>$\frac{1}{4}$ OFF usual price of £330</p>	<p><u>Whytes</u></p> <p>20% OFF usual price of £320</p>	<p><u>Clean Up</u></p> <p>£210 plus VAT at $17\frac{1}{2}$ %</p>
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- (a) Work out the cost of the washing machine in the Washing Power shop.

Washing Power: £..... (2 marks)

- (b) Work out the cost of the washing machine in the Whytes shop.

Whytes: £..... (2 marks)

- (c) Work out the cost of the washing machine in the Clean Up shop.

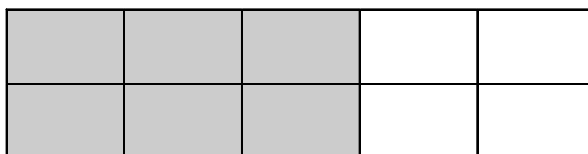
Clean Up: £..... (2 marks)

Question 14

Write down **two** different fractions that lie between $\frac{1}{4}$ and $\frac{1}{2}$. **(2 marks)**

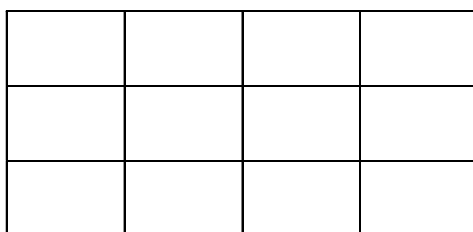
Question 15

(a) Write down the fraction of this shape which is shaded.



(1 mark)

(b) Shade $\frac{3}{4}$ of this shape.



(1 mark)

Question 16

Tom buys the following items from a shop.

6 tins of baked beans at 18p each,
5 tins of cat food at 37p each,
2 packets of tea bags at £1.41 each.

(a) Work out the total cost of these items.

£
(3 marks)

Tom went into the shop at 09 53
He came out of the shop at 10 02

(b) For how many minutes was Tom in the shop?

..... minutes
(2 marks)

$\frac{4}{5}$ of the next 45 customers were women.

(c) Work out $\frac{4}{5}$ of 45.

(2 marks)