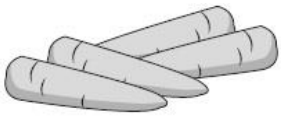
Q1.

potatoes
£1.50 per kg



carrots
£1.80 per kg

Jack buys $1\frac{1}{2}$ kg of potatoes and $\frac{1}{2}$ kg of carrots.

How much **change** does he get from **£5**?

Show your method

£

2 marks

Q2.

Tick the fractions **less than** $\frac{5}{8}$

$\frac{1}{2}$ ☐

$\frac{2}{8}$ ☐

$\frac{3}{4}$ ☐

$\frac{7}{16}$ ☐

$\frac{24}{32}$ ☐

2 marks

Q3.

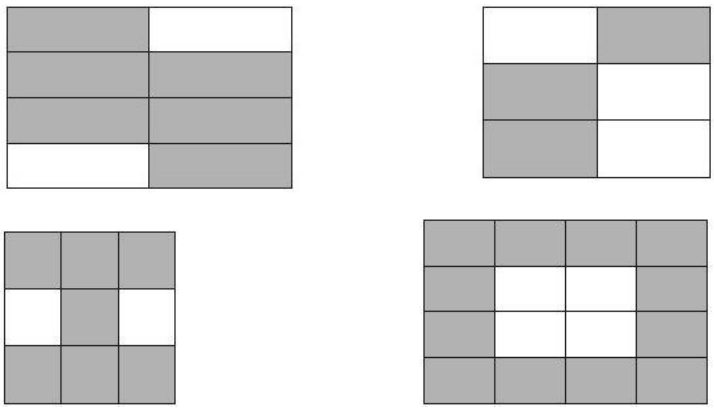
Circle the improper fraction that is equivalent to $6\frac{7}{8}$

$\frac{67}{8}$ $\frac{48}{8}$ $\frac{62}{8}$ $\frac{55}{8}$ $\frac{76}{8}$

1 mark

Q4.

Tick two shapes that have $\frac{3}{4}$ shaded.



1 mark

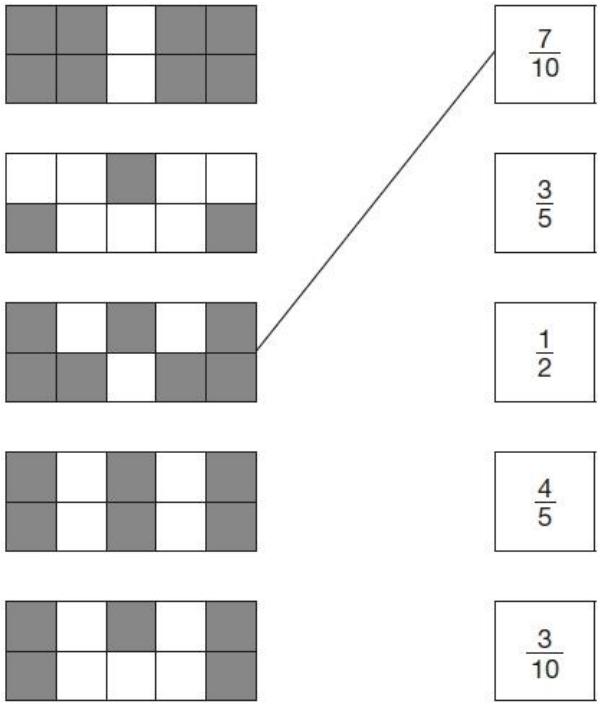
Q5.

Here are some shapes made of squares.

A fraction of each shape is shaded.

Match each shape to its equivalent fraction.

One has been done for you.



2 marks

Q6.

Here are three symbols: < > =

Write one symbol in each box to make the statements correct.

$\frac{7}{10}$ ☐ 0.07

$\frac{23}{1000}$ ☐ 0.23

1 mark

Q7.

Jack has £400

He spends **35%** of his money on a new bike.

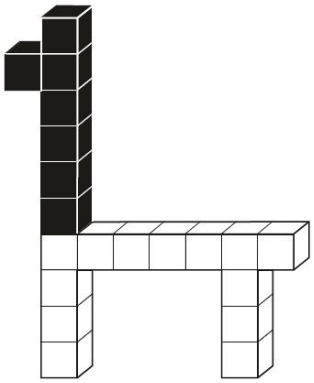
How much does Jack spend on his new bike?

£

1 mark

Q8.

This model is made with 20 cubes.



What **percentage** of the cubes in the model is black?

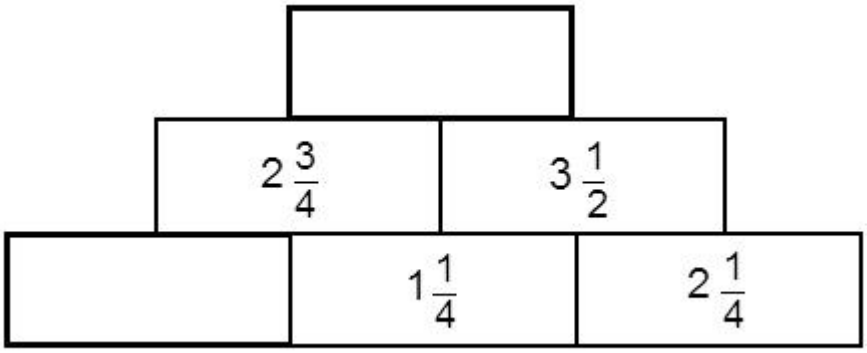
%

1 mark

Q9.

In this diagram, the number in each box is the **sum** of the two numbers below it.

Write the missing numbers.



2 marks

Q10.

Calculate $\frac{3}{4}$ of **£15**

£

1 mark

Q1.

Award **TWO** marks for the correct answer of £1.85

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $1\frac{1}{2}$ × £1.50 = £2.25
  $\frac{1}{2}$ of £1.80 = 70p (error)
  £2.25 + 70p = £2.95
  £5 − £2.95 =

OR

- £1.50 + 75 = £2.25
  £2.25 + 90 = 415p (error)
  £5.00 − 415p =

OR

- sight of £3.15 **OR** 315p as evidence of evaluating the correct cost of the potatoes and carrots.

Do not *accept misreads for this question.*

Answer need not be obtained for the award of ***ONE*** *mark.*

Accept for ***ONE*** *mark an answer of £185 or £185p as evidence of an appropriate method.*

Up to 2 marks

[2]

Q2.

Award **TWO** marks for three boxes ticked correctly, as shown:

$\frac{1}{2}$	✓
$\frac{2}{8}$	✓
$\frac{3}{4}$	
$\frac{7}{16}$	✓
$\frac{24}{32}$	

Award **ONE** mark for:

- only two boxes ticked correctly and no incorrect boxes ticked

OR

- three boxes ticked correctly and one incorrect box ticked.

Accept alternative unambiguous positive indication of the correct answer, e.g. Y.

Up to 2m

[2]

Q3.

Correct number circled, as shown:

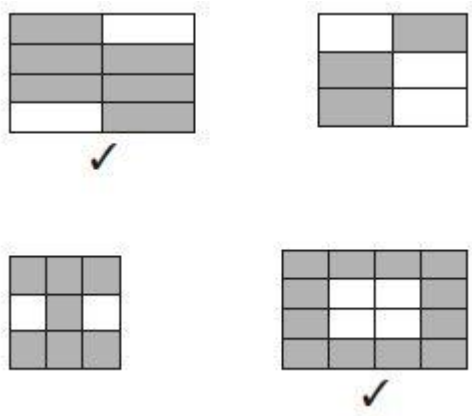
$\frac{67}{8}$ $\frac{48}{8}$ $\frac{62}{8}$ $\frac{55}{8}$ $\frac{76}{8}$

Accept alternative unambiguous positive indication of the correct answer, e.g. fraction ticked.

[1]

Q4.

Both shapes ticked as shown:

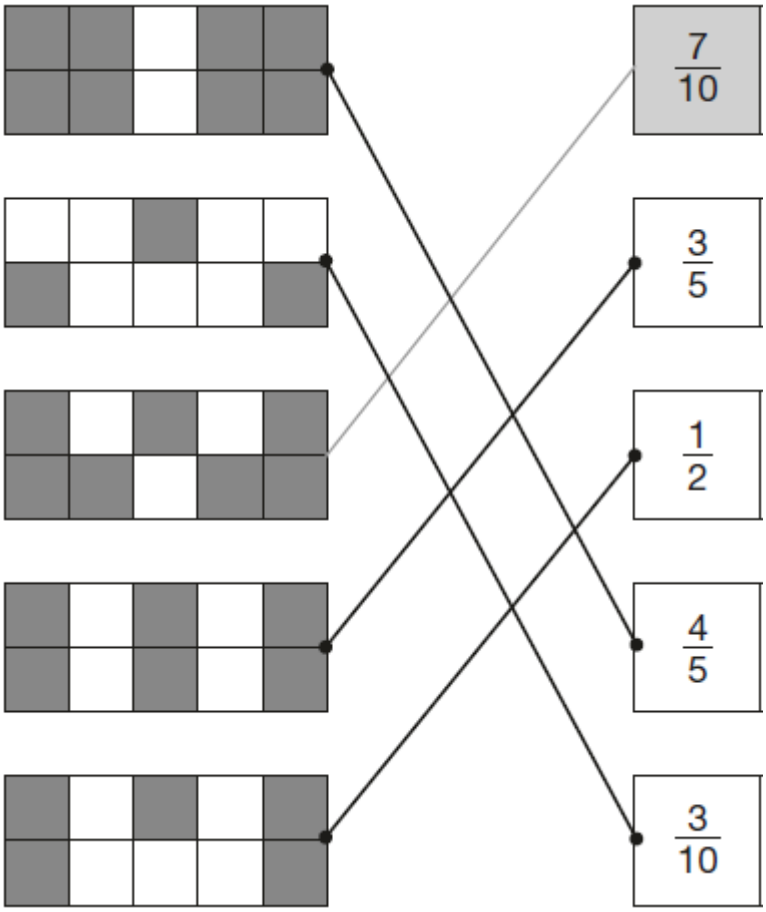


Accept alternative unambiguous positive indications, e.g. shapes circled.

[1]

Q5.

Award **TWO** marks for four shapes matched correctly as shown:



If the answer is incorrect, award **ONE** mark for three shapes matched correctly.

Lines need not touch shapes or fraction boxes, provided the intention is clear.

***Do not** credit any shape that has been matched to more than one fraction.*

Up to 2

[2]

Q6.

Both symbols correct, as shown:

$\frac{7}{10}$ > 0.07

$\frac{23}{1000}$ < 0.23

[1]

Q7.

£140

***Do not** accept 140%*

[1]

Q8.

35%

[1]

Q9.

(a) $6\frac{1}{4}$

Accept equivalent fractions.

***Do not** accept* $5\frac{5}{4}$

1

(b) $1\frac{1}{2}$

Accept equivalent fractions, eg

$1\frac{2}{4}$, $\frac{3}{2}$ *, 1.5, 150%*

1

[2]

Q10.

£11.25

[1]