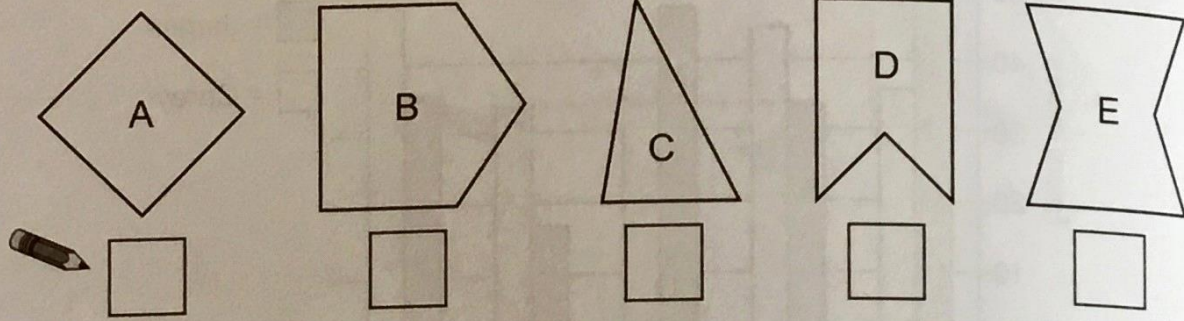




Set A: Test 2

There are **7 questions** in this test. Give yourself **10 minutes** to answer them all.

1. Put a tick (✓) in the boxes below all of the shapes that have **more than one** right angle.



1 mark

2. Corey needs a new school uniform.

School Uniform Prices	
Blazer	£21.00
Shirt	£4.30 per pack
Pair of Trousers	£12.55
Tie	£1.90
Sweatshirt	£8.75

Corey bought a pack of shirts, a tie and a pair of trousers.

How much change did he get from £20?

Show your working. You may get a mark.



£

2 marks

3. Match each of the fractions below to its equivalent decimal or percentage. One has been done for you.



$\frac{1}{5}$

$\frac{3}{4}$

$\frac{7}{10}$

$\frac{3}{5}$

0.6

0.7

20%

75%

_____ 1 mark

4. Circle all of the numbers that are **greater** than 0.5.



0.52

0.9

0.4

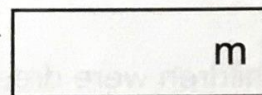
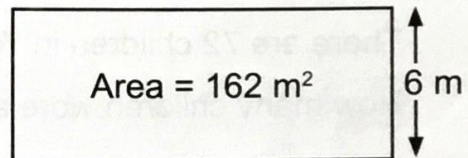
0.36

0.07

_____ 1 mark

5. A rectangular field has an area of 162 m^2 .
The width of the field is 6 m.

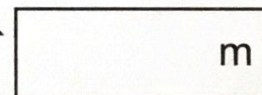
What is the length of the field?



_____ 1 mark

A different rectangular field also has an area of 162 m^2 .
The width of this field is 9 m.

What is the **perimeter** of this field?



_____ 1 mark

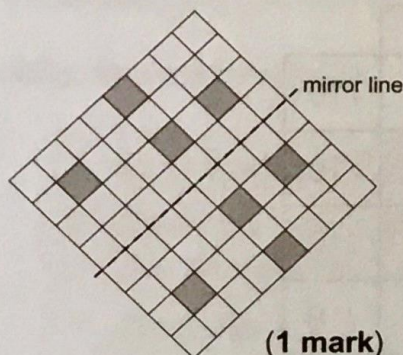
Answers

Set A

Test 1 – pages 1-3

1. $24 + 76 = 100$
(1 mark for both digits correct)

2.



(1 mark)

3. $900 \times 4 = 3600$
 $560 \div 8 = 70$
(1 mark for both correct)
4. 2.4 kg (1 mark)
5. $8 + 17 + 16 = 41$
(1 mark for correct answer)
6. 4.05 to the nearest whole number is 4
8.52 to the nearest whole number is 9
16.79 to the nearest whole number is 17
(1 mark for all three correct)
7. 48 (1 mark)
8. English and Science
(1 mark for both correct answers)
9. There are $4 \times 7 = 28$ days in 4 weeks, so the duck swims $4 \times 28 = 112$ lengths in 4 weeks.

$$\begin{array}{r} 112 \\ \times 36 \\ \hline 672 \\ 3360 \\ \hline 4032 \text{ m} \\ 11 \end{array}$$

(2 marks for the correct answer, otherwise 1 mark for correct working)

Test 2 – pages 4-6

1. A, B and D (1 mark for all three correct)

2. Corey spent:

$$\begin{array}{r} 4.30 \\ 1.90 \\ + 12.55 \\ \hline \text{£} 18.75 \\ 1 \end{array}$$

Corey's change: $\text{£}20 - \text{£}18.75 = \text{£}1.25$

(2 marks for correct answer otherwise 1 mark for correct working)

3. $\frac{1}{5}$ $\frac{3}{4}$ $\frac{7}{10}$ $\frac{3}{5}$
0.6 0.7 20% 75%

(1 mark for all lines correct)

4. 0.52 and 0.9 (1 mark for both correct)
5. $\frac{27 \text{ m}}{6} = 4.5 \text{ m}$ (1 mark for correct answer)

$$\frac{18 \text{ m}}{9} = 2 \text{ m}$$

$$18 + 9 + 18 + 9 = 54 \text{ m}$$

(1 mark for correct answer)

6. $\frac{25 \text{ r } 2}{3} = 7 \text{ r } 17$

So she needs to buy 26 packs.

(1 mark for correct answer)

7. Zombie section makes up $\frac{1}{4}$ of the circle:
 $\frac{1}{4}$ of 72 = $4 \frac{18}{32}$

(1 mark for correct answer)

Ghost and Dracula sections make up half of the circle:

$$72 \div 2 = 36$$

$$36 - 11 = 25 \text{ (1 mark for correct answer)}$$

Test 3 – pages 7-9

1. 2, 4 and 8 (1 mark for all three correct)
2. B and D (1 mark for both correct)
3. a) 1.3 m
b) 120 g
c) 5 ml
(1 mark for all three correct)