

Year 6
Autumn test 1

Name:	Class:	Date:
-------	--------	-------

1 $4,380 \div 6 =$

A 10x10 grid of squares. A 4x2 rectangle is highlighted in the bottom right corner, spanning 4 rows and 2 columns. The highlighted area is located in the bottom right corner of the grid, specifically in the last two columns and the last four rows.

5C
1 mark

2 $65.885 + 3.122 =$

A 10x10 grid of squares. The square at row 8, column 8 is highlighted in light blue. The square at row 9, column 9 is also highlighted in light blue.

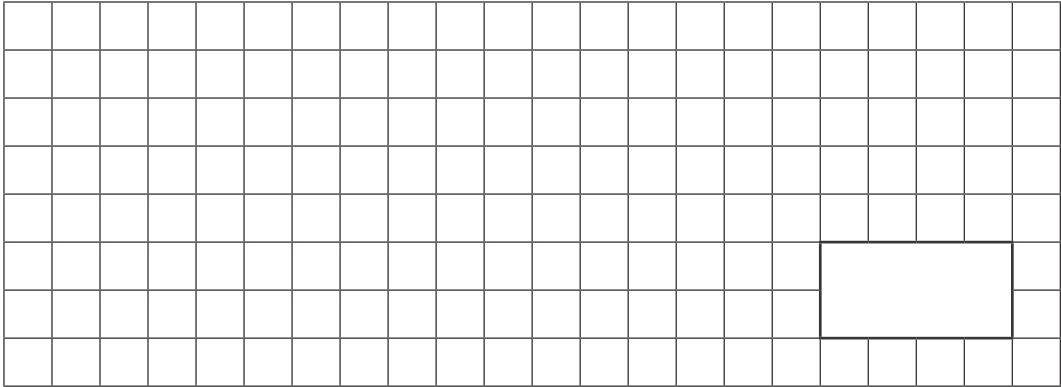
3 $36 \times 23 =$

Show your method

A 10x10 grid. The top row is completely blacked out. A rectangle is drawn in the bottom right corner, spanning from the 7th column to the 10th column and from the 7th row to the 9th row.

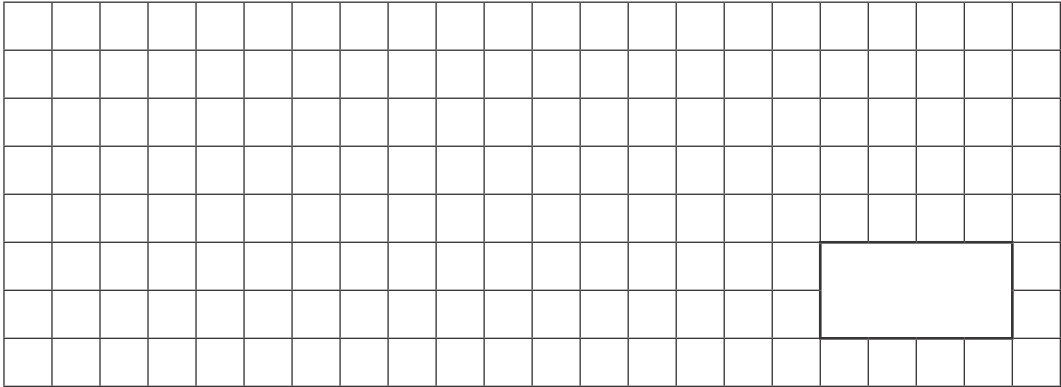
/ 4
Total for
this page

4 $\frac{2}{3} + \frac{3}{5} =$



1 mark 6F

5 $\frac{3}{4} - \frac{1}{6} =$



1 mark 6F

6 Write the missing number in each box.

a)

$$\begin{array}{r}
 5 \quad 6 \quad 7 \quad 2 \quad \boxed{} \\
 + \quad 3 \quad \boxed{} \quad 3 \quad 7 \quad 2 \\
 \hline
 9 \quad 3 \quad 0 \quad 9 \quad 2
 \end{array}$$

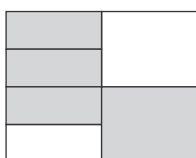
5C
1 mark

b)

$$\begin{array}{r}
 8 \quad \boxed{} \quad 3 \quad 7 \quad 8 \\
 - \quad 3 \quad 9 \quad 1 \quad 9 \quad \boxed{} \\
 \hline
 4 \quad 1 \quad 1 \quad 8 \quad 0
 \end{array}$$

5C
1 mark

7 This square is divided into eighths and quarters.



What **fraction** of the square is shaded grey?

5F
1 mark

/ 3
Total for
this page

8



George played Level 1 and Level 2 of a computer game.

For every **50 points**, George gained a silver star.

George collected **100 silver stars** altogether by the end of Level 1 and Level 2.

He scored 2,750 points on Level 1

How many points did George score on **Level 2** to collect 100 silver stars altogether?

Show your method

A 10x10 grid is shown. The top row is completely blacked out. On the right side, there is a rectangular box spanning 2 rows and 4 columns, labeled "points".

6C
2 marks

9

Here is a 7-digit number.

Some digits are missing.

8, 2 , 5 1

Complete the number by writing:

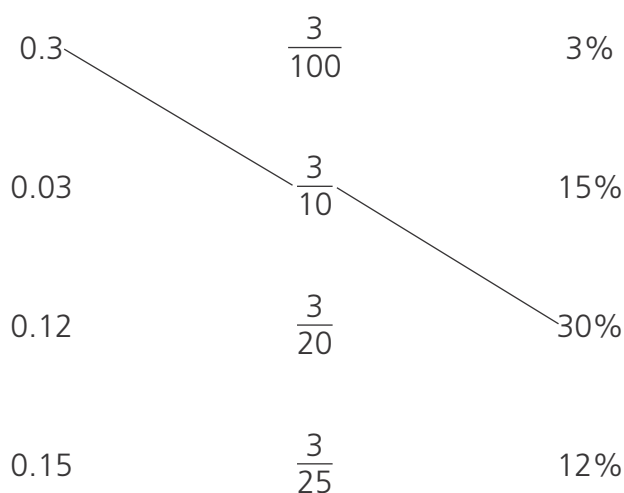
- **7** in the thousands column
- **4** in the hundreds column
- **9** in the hundred thousands column.

6N
1 mark

/ 3
Total for
this page

10 Draw lines to join **equivalent** fractions, decimals and percentages.

One has been done for you.



6F
1 mark

11 Tammy's pet cat has a mass of 9 pounds.

What is the approximate mass of Tammy's cat in **kilograms**?

Use 1 pound as approximately 450 g.

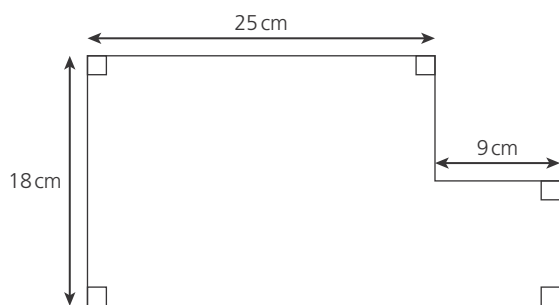
Show your method

A blank grid for drawing a diagram. The grid is 20 units wide and 10 units high. A label 'kg' is placed in the bottom right corner of the grid.

/ 3

Total for
this page

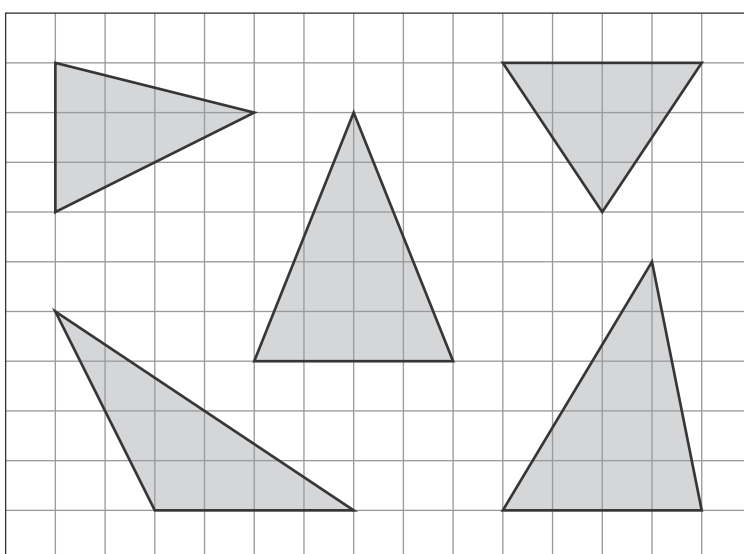
- 12** Calculate the **perimeter** of this shape.



cm

5M
1 mark

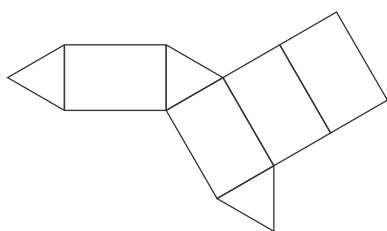
- 13** Tick the **two** isosceles triangles.



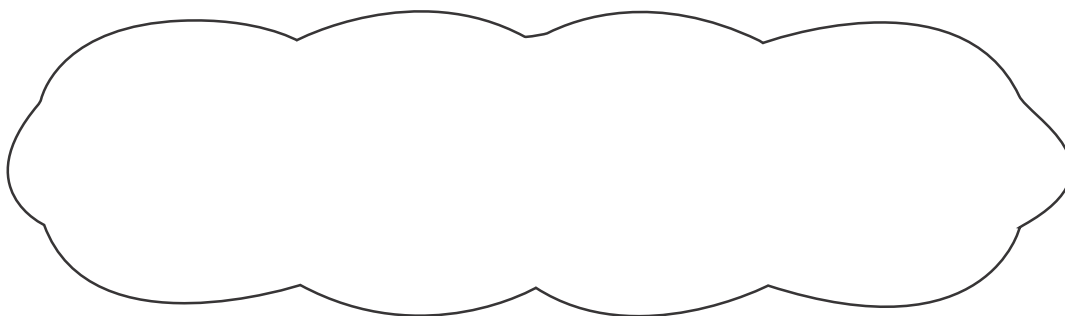
6G
1 mark

/ 2
Total for
this page

- 14 Javid draws the net of a triangular prism.



Explain why Javid's drawing is **incorrect**.

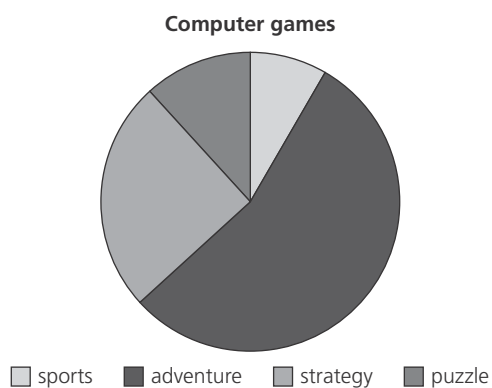


1 mark 6G

- 15 Samir has a collection of computer games.

He has four different types of games: sports, adventure, strategy and puzzle games.

This pie chart shows the types of games Samir has.



- a) Samir has **15** strategy games.

Estimate the **total** number of games Samir has.

games

1 mark 6S

- b) Estimate the number of **adventure** games Samir has.

adventure games

1 mark 6S

/ 20
Total for this test