

Stage 4 Maths Assessment

Test 1

Name:

Class:

Date:


Raw Score (40):

Criteria Score (30):

Level Awarded:


**A Place Value**

1. Write the missing numbers in this sequence.

14      21      28             42           

1 mark (4:1)

2. What number is 1,000 more than 627?



1 mark (4:2)

3. Write these temperatures in order from hottest to coldest.


1°C      -2°C      0°C      -1°C      2°C      -3°C

hottest

1 mark (4:3)


4. What is the value of the 5 in the number 2,547?



1 mark (4:4)

5. Match the Roman numerals to their numbers. One has been done for you.

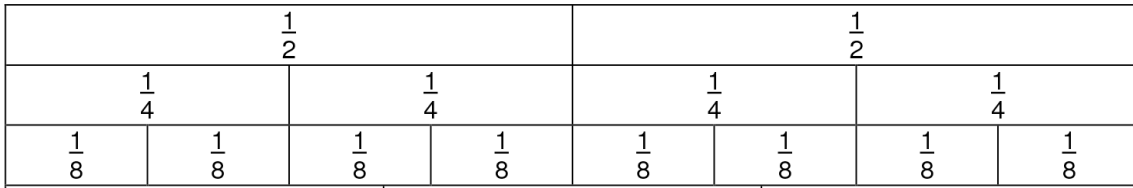
VI	XX	XI	III	L	XV
11	20	50	6	15	3



2 marks (4:5)

**D Fractions**

13. Use the diagram to find the equivalent fractions below.



$$\frac{1}{\quad} = \frac{\quad}{4} = \frac{4}{\quad}$$

1 mark (4:13)

14. Complete this sequence of numbers.

1.32

1.33

1.34




1 mark (4:14)

15. Add the fractions.

$$\frac{3}{7} + \frac{2}{7} = \boxed{\quad}$$

1 mark (4:15)

16. Complete the boxes to show the fractions and their decimal equivalents.



$\frac{\quad}{4}$
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$\frac{1}{2}$
---------------

$\frac{3}{\quad}$
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0.25
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0.75
------

2 marks (4:16)

17. Write the answer to  $6 \div 10$  in the correct place in the table below.



units	tenths	hundredths

1 mark (4:17)

18. Round 14.8 to the nearest whole number.



1 mark (4:18)

19. Complete the statements below.



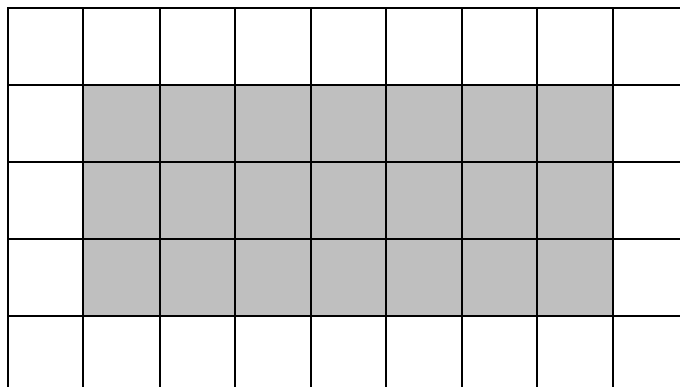
a)  $3\frac{1}{2}$  hours =  minutes

b)  $2\frac{1}{2}$  minutes =  seconds

1 mark (4:19)

**E Measure**

20. Here is a rectangle on a centimetre (cm) grid.

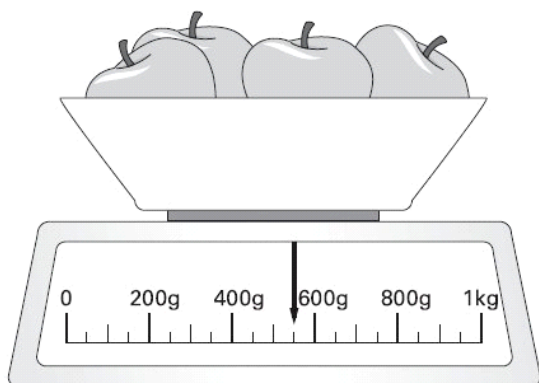


What is the **area** of the rectangle? .....cm<sup>2</sup>

What is the **perimeter** of the rectangle? .....cm

2 marks (4:20)

21. Four apples weigh 550g. About how much does one apple weigh?



Tick ✓ the best estimate.

about 40 grams

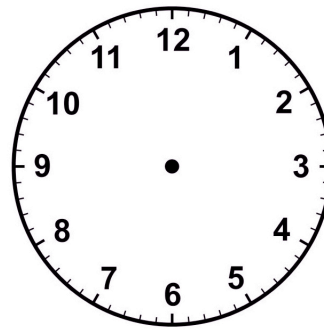
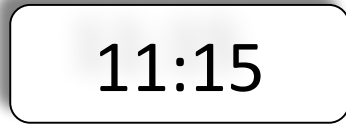
about 90 grams

about 140 grams

about 190 grams

1 mark (4:21)

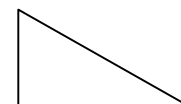
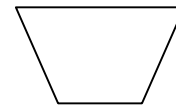
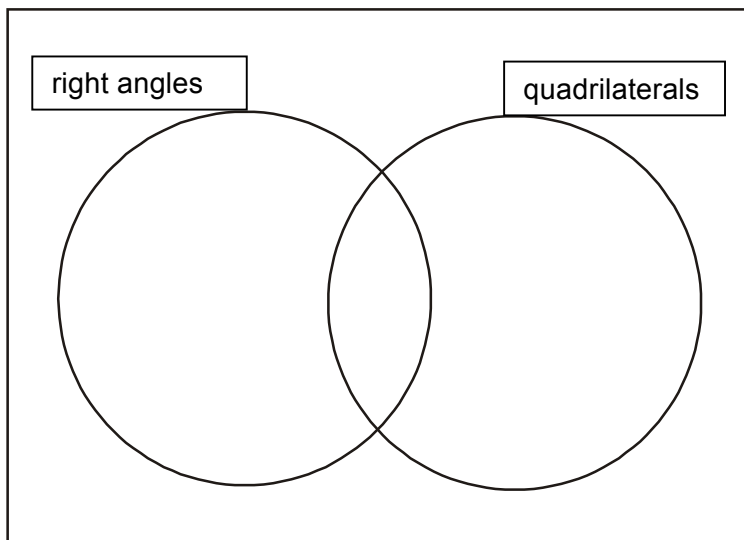
22. Here is a digital clock. Draw the same time on the analogue clock.



1 mark (4:22)

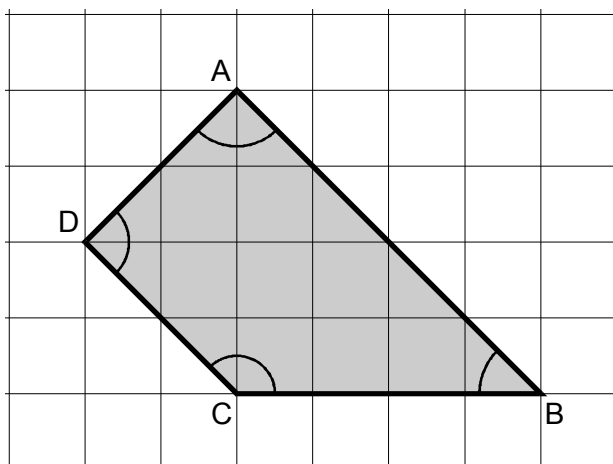
**F Geometry**

23. Draw lines to sort the shapes using the Venn diagram.



2 marks (4:23)

24. Here is a shape on a square grid.



a) Which angle is acute?

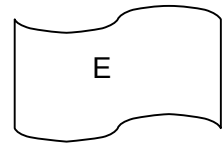
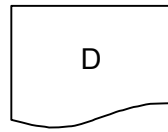
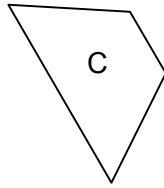
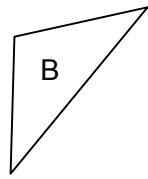
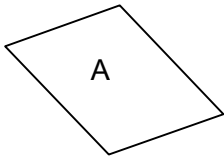
b) Which angle is obtuse?

c) How many are right angles?




2 marks (4:24)

25. Here are five shapes



Write the letters of the **two** shapes which have a line of symmetry.

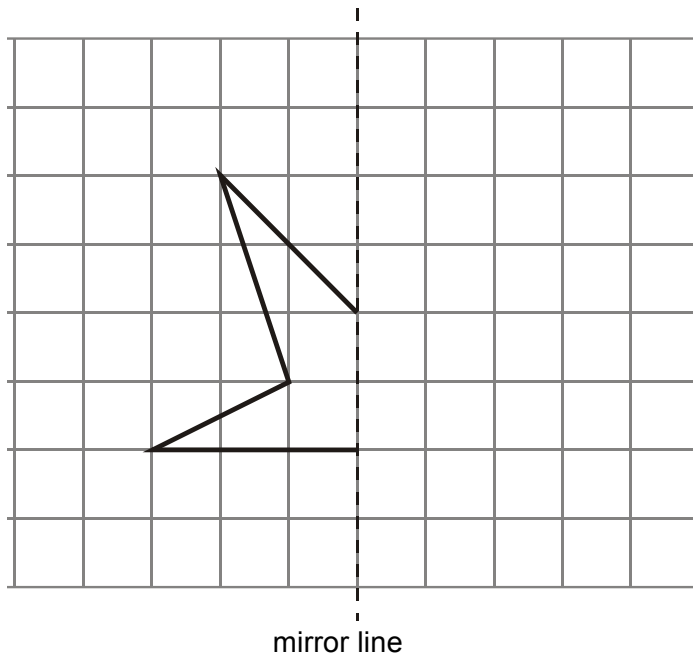
 ..... and .....



2 marks (4:25)

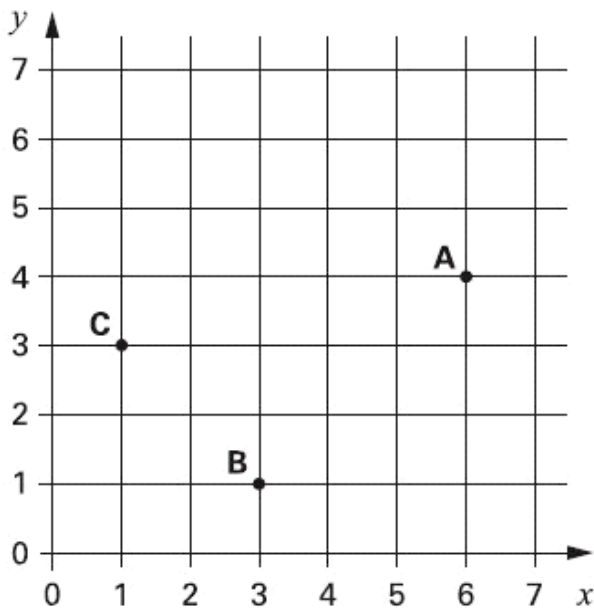
26. Complete the diagram below to make a shape that is symmetrical about the mirror line.

Use a ruler.




1 mark (4:26)

27.



Points A, B and C are three corners of a rectangle.

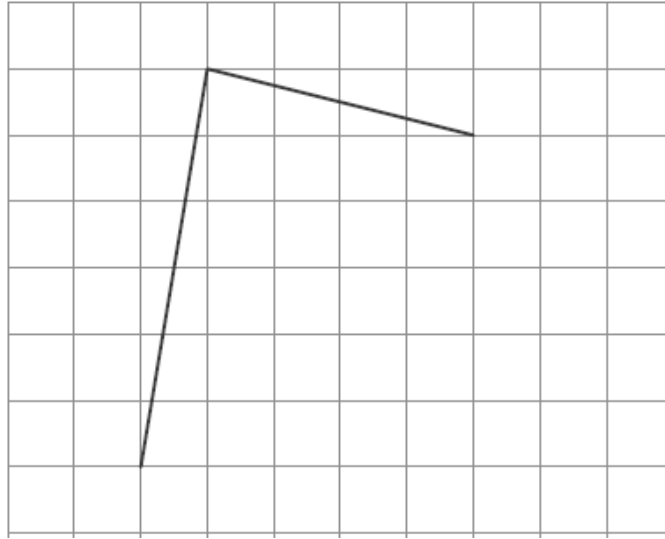
What are the coordinates of the fourth corner?

 (   ,   )



1 mark (4:27)

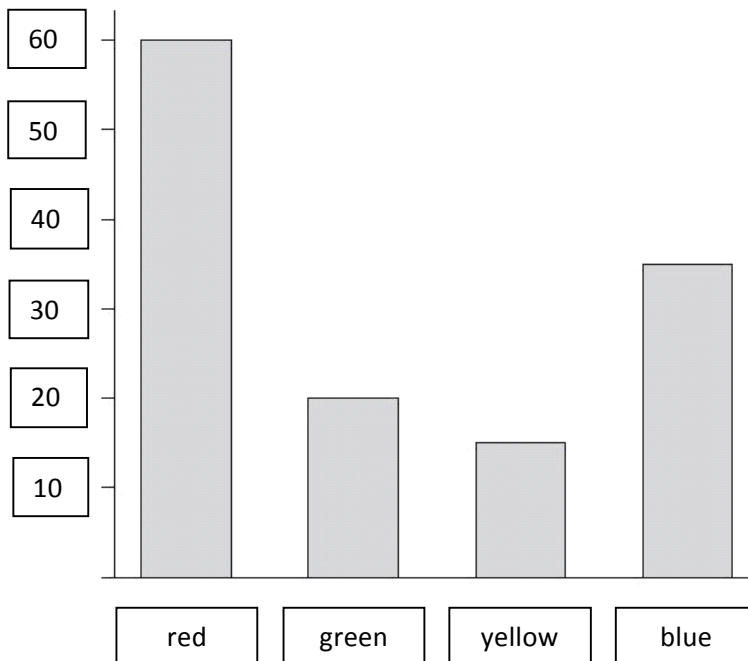
28. Two sides of a kite are drawn on the grid below. Complete the kite by drawing the two missing sides. Use a ruler.



1 mark (4:28)

### G Statistics

29. Some children did a school survey of favourite colours. Here are their results.



Estimate how many children chose **yellow**.





1 mark (4:29)

30. How many **more** children chose **red** than **blue**?





1 mark (4:30)