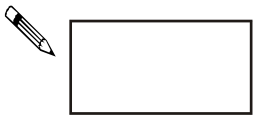
Stage 4 Maths Assessment **Test 1**

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 

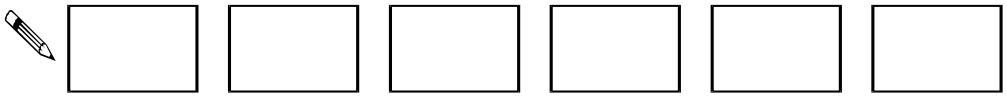
1 mark (4:1)

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

1 mark (4:2)

3. Write these numbers in order from largest to smallest.

1 -2 0 -1 2 -3



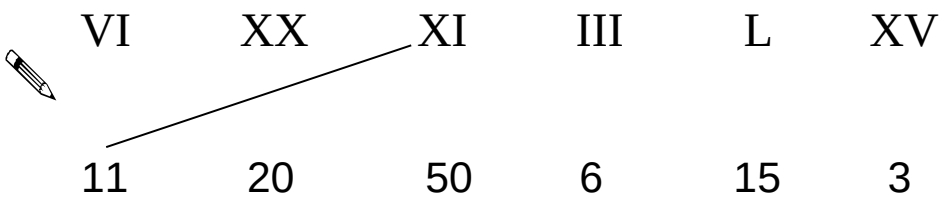
largest

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.



2 marks (4:5)

B Add and Subtract

6. Calculate 1,365 + 189

You **must** show your working.

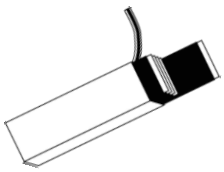
2 marks (4:6)

7. Use: 137 + 56 = 193 to help complete the following number sentences.

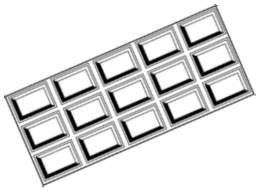
193 - 56 = ☐ 193 - 137 = ☐

1 mark (4:7)

8. Tony has £3.



Chewing gum
60p per packet



Chocolate bars
85p each

Lollies
35p each

He buys 2 packets of chewing gum, a chocolate bar and a lolly.

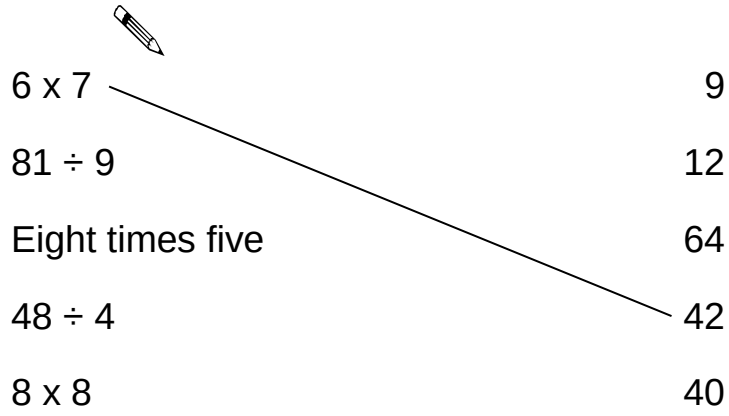
How much **change** should he have?

Show your working. You may get a mark.

2 marks (4:8)

C Multiply and Divide

9. Draw **all** the missing lines. **One** has been done for you.



2 marks (4:9)

10. Two **factors** of 24 add up to 11. What are they?

1 mark (4:10)

11. Calculate 148 x 4

You **must** show your working.

2 marks (4:11)

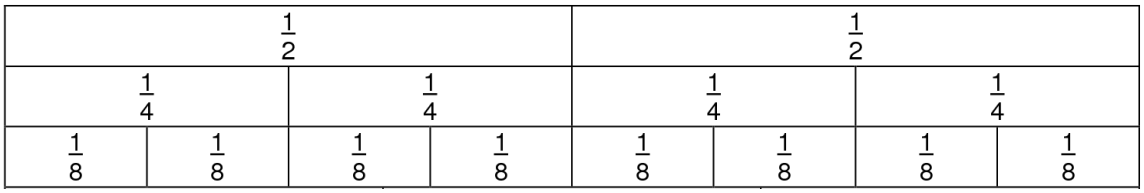
12. In a class of 30 children boys outnumber girls by 2 to 1.

How many **girls** are in the class?

1 mark (4:12)

D Fractions

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



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

1 mark (4:13)

14. A huge wedding cake is cut into ten (10) equal slices.

One slice is $\frac{1}{10}$ (one tenth) of the cake.

How many pieces does **one slice** have to be cut into to make $\frac{1}{100}$ of the cake?

1 mark (4:14)

15. Subtract the fractions.

$$\frac{11}{9} - \frac{7}{9} = \frac{\square}{\square}$$

1 mark (4:15)

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

$$\frac{\square}{4} = 0.25 \qquad \frac{1}{2} = \square \qquad \frac{3}{\square} = 0.75$$

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)

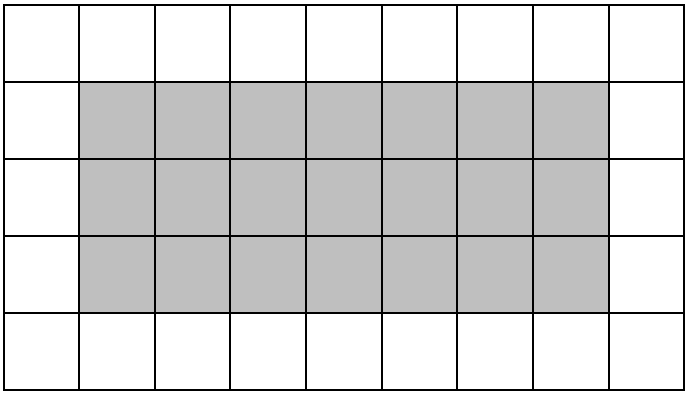
E Measure

19. Complete the statements below.

a) 2½ years = ☐ months b) 4 weeks = ☐ days

1 mark (4:19)

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

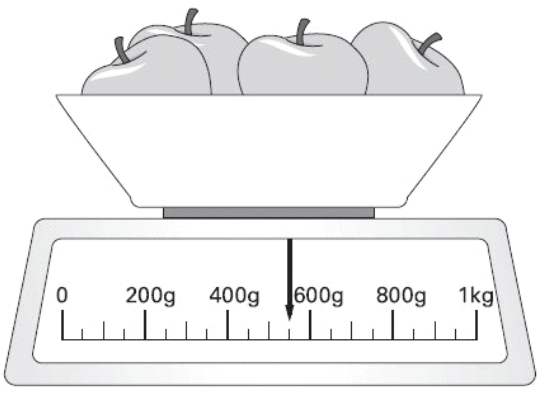


What is the area of the rectangle? .....cm²

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 ☐

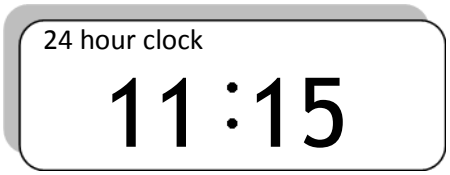
about 90 grams ☐

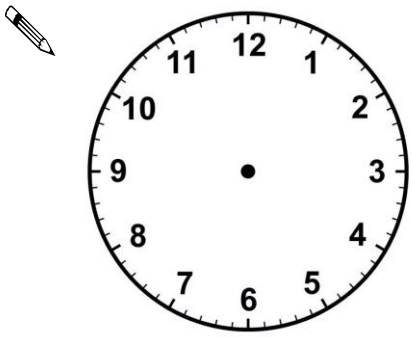
about 140 grams ☐

about 190 grams ☐

1 mark (4:21)

22. Here is a 24 hour **digital clock**. Draw the same time on the **analogue clock**.

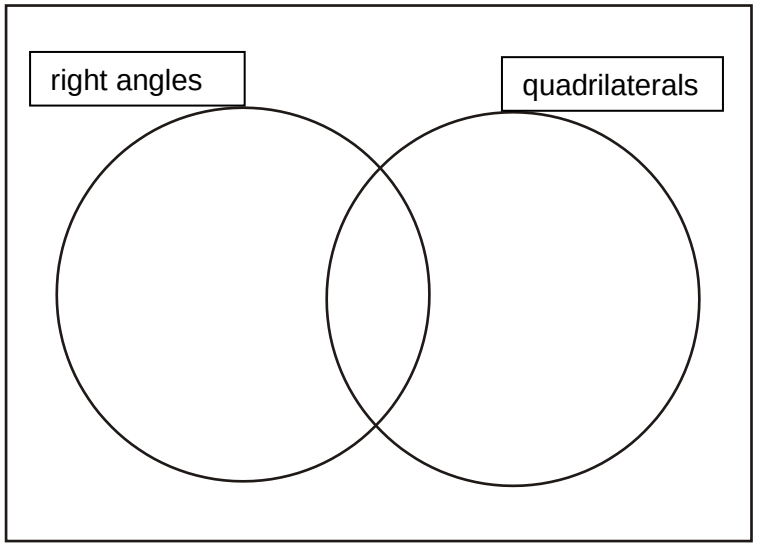


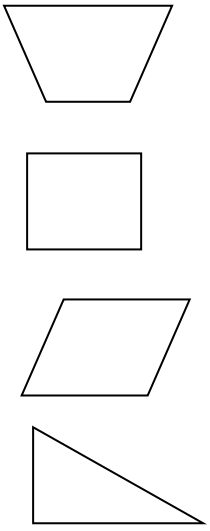


1 mark (4:22)

F Geometry

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





2 marks (4:23)

24. Three pupils each draw an angle then measure it. They each say the following about their angle.

David says, "My angle is a **right-angle**."

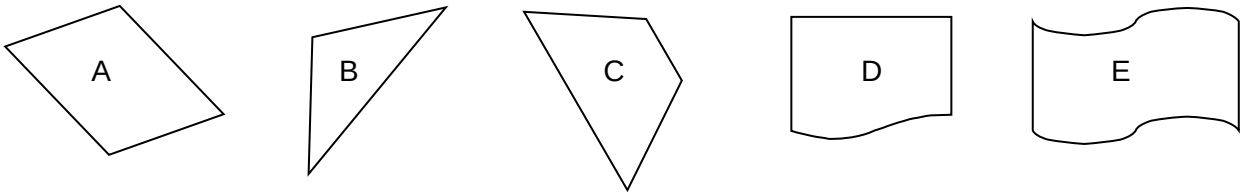
Tim says, "Mine is an **obtuse** angle."

Sam says, "My angle is **acute**."

Put the pupils in order of the sizes of their angles, starting with the smallest.

1 mark (4:24)

25. Here are five shapes



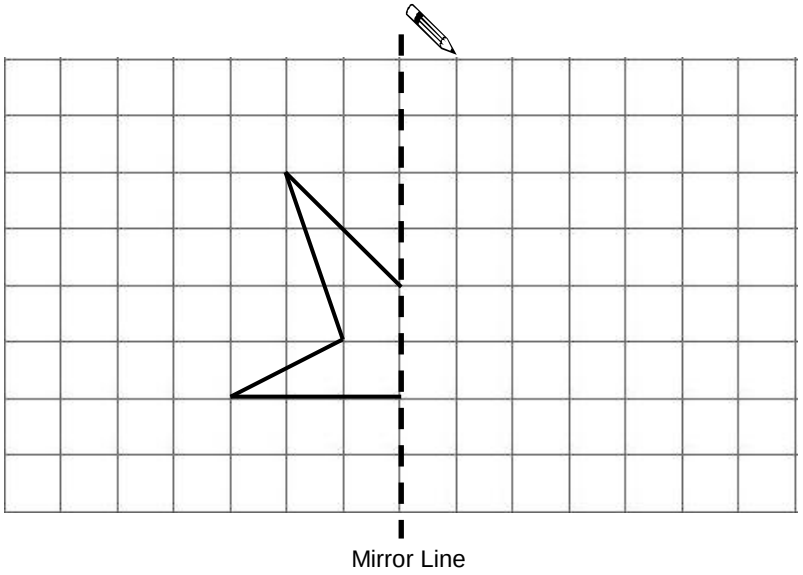
Write the letters of the **two** shapes which have a line of symmetry.

..... and .....

2 marks (4:25)

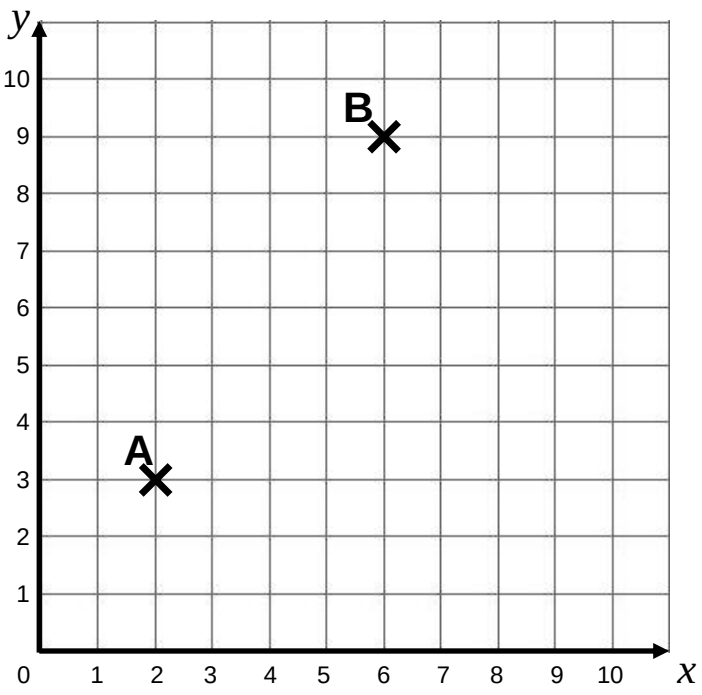
26. Complete the diagram below to make a shape that is symmetrical about the mirror line.

Use a ruler.



1 mark (4:26)

27. Write the **co-ordinates** for points A and B.

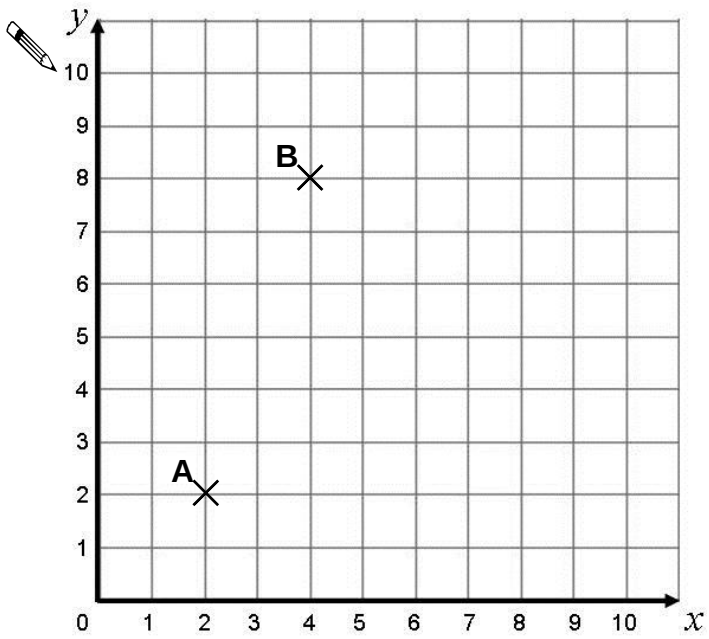


A: (,)

B: (,)

1 mark (4:27)

28. Points A and B are labelled on this co-ordinate grid.



a) Plot the point (7, 7).

Label this point '**C**'.

b) Points A, B and C form three corners of a kite.

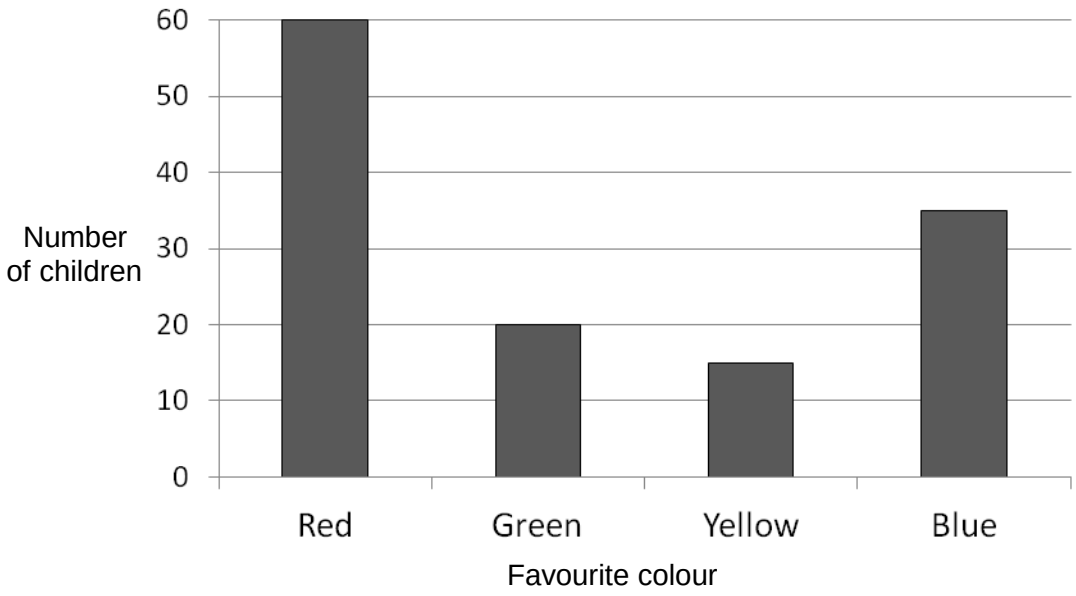
Show the fourth corner of the kite on the grid.

Label this point '**D**'.

2 marks (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)