



ST NICHOLAS COLLEGE
HALF YEARLY PRIMARY EXAMINATIONS

February 2015

YEAR 6

Mathematics

TIME: 1 h 15 min

Name: _____ Class: _____

Total Mark

80

1. Work out.

a) $274 + 192 =$

b) $937 - 246 =$

c) $248 \times 9 =$

d) $567 \div 9 =$

2. Fill in the blanks with one of the following numbers.

27

45

30

40

a) A multiple of 3 and 5 but not of 2.

b) A multiple of 2 and 5 but not of 3.

c) A multiple of 2, 3 and 5.

d) A multiple of 3 and 9.

3. To answer, use the following digits:

7	3	2	9
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a) Using all the digits only once write the largest whole number.

b) Using all the digits only once write the smallest possible whole even number.

c) Using all the digits only once, write a number which, when rounded to the nearest ten is 2380.

4a. Round each number to the nearest 10.

i) $234 = \underline{\hspace{2cm}}$

ii) $4927 = \underline{\hspace{2cm}}$

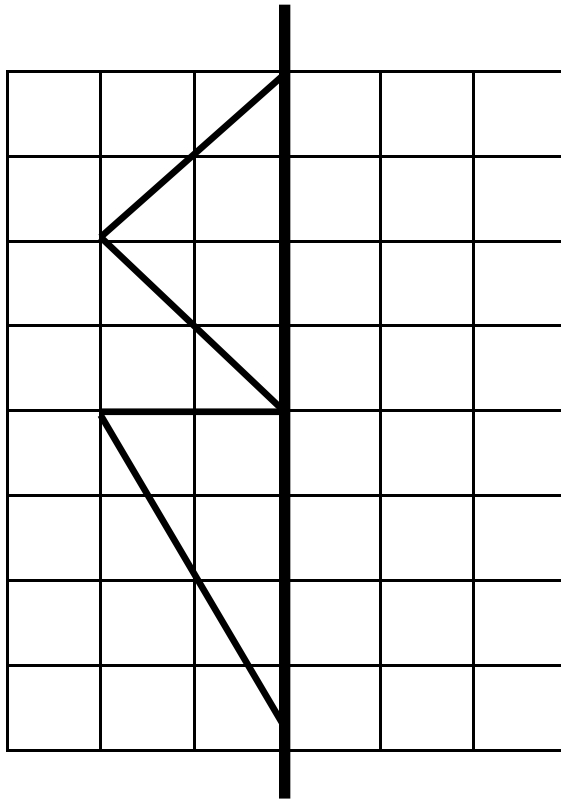
4b. Round each number to the nearest euro.

i) $€43.65 = \underline{\hspace{2cm}}$

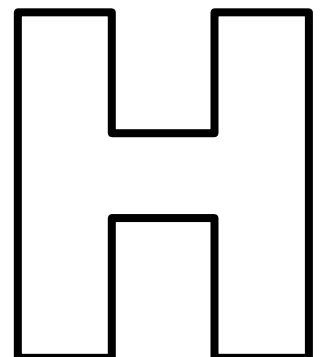
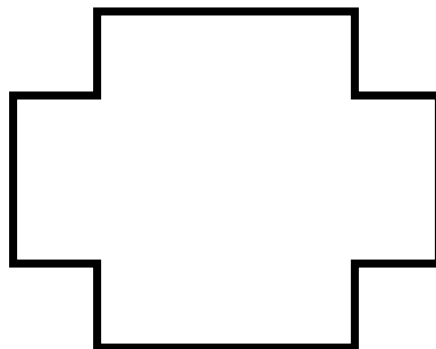
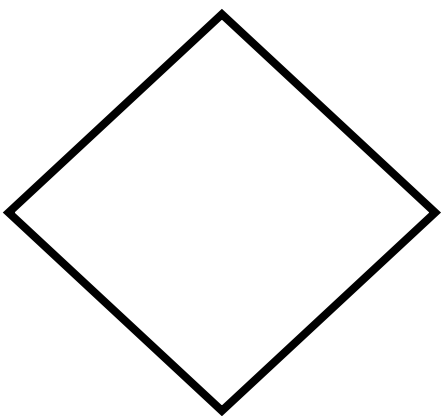
ii) $€77.21 = \underline{\hspace{2cm}}$

5. Use a **ruler** to complete the drawing below to make a **symmetrical shape**. The bold line in the middle is the line of symmetry.

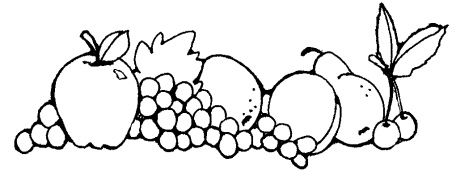
a)



- b) Draw the lines of symmetry of the following shapes.



6. Alfred is preparing a fruit salad for a party.
 He buys 850g grapes, 0.5kg apples, 1250g pears,
 0.35kg kiwi and 300g strawberries.



- a) Find the total weight of fruit bought in kilograms.

	kg
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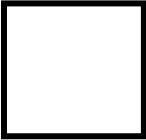
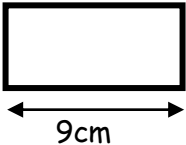
- b) He adds some bananas. Now the total weight of the fruits is
3.75 Kg. What is the **total weight** in **grams**?

	g
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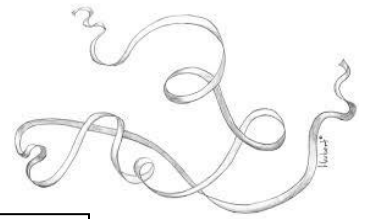
- c) What is the weight of the bananas in grams?

	g
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7. Complete the table.

		<u>Perimeter</u>	<u>Area</u>
<u>square</u>		28cm	
<u>rectangle</u>			27cm²

8. James buys **8.5 metres** of ribbon.



a) Change 8.5 metres into **centimeters**.

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b) He cuts the ribbon into equal pieces. One piece is 200 cm long.
How many pieces does he have?

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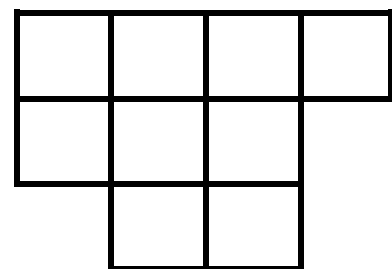
c) How many **metres** of ribbon are left?

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9. Maria uses 10 identical squares to make Shape A. Each square is of side 3 cm.

a) Work out the perimeter of Shape A.

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Shape A

b) What is the area of Shape A?

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10. There were **28,492 supporters** for the **first** football match.
The attendance for the **second match** increased to **32,989 supporters**.



- a) Round 28,492 to the nearest thousand.

- b) Find the difference in attendance between the first and second match.

supporters

- c) **19,890 supporters** went to the stadium by bus. If each bus carried **50 supporters**, how many buses were used to carry everyone?



buses

11. Complete

a) Write these in ascending order (smallest first).

0.36	$\frac{1}{4}$	7 tenths
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b) Dave spends $\frac{1}{6}$ of the day studying. His sister, Faith, spends $\frac{1}{8}$ of the day studying.

i) Who studies the most? Tick the correct answer.

Dave or Faith



ii) Give a reason for your answer.

c) Fill in to make equivalent fractions.

1	=	
6		

2	=	
3		24

12. Ivan looks at the January 2015 calendar.

January 2015						
Mon	Tues	Wed	Thurs	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

- a) Fill in the missing dates in the calendar.
- b) Ivan works from Monday to Saturday. **New Year's Day** was a public holiday so he did not work. From the **14th to the 19th** January, both days included, he was on vacation leave .
How many **days** did Ivan work during the month of January?

days

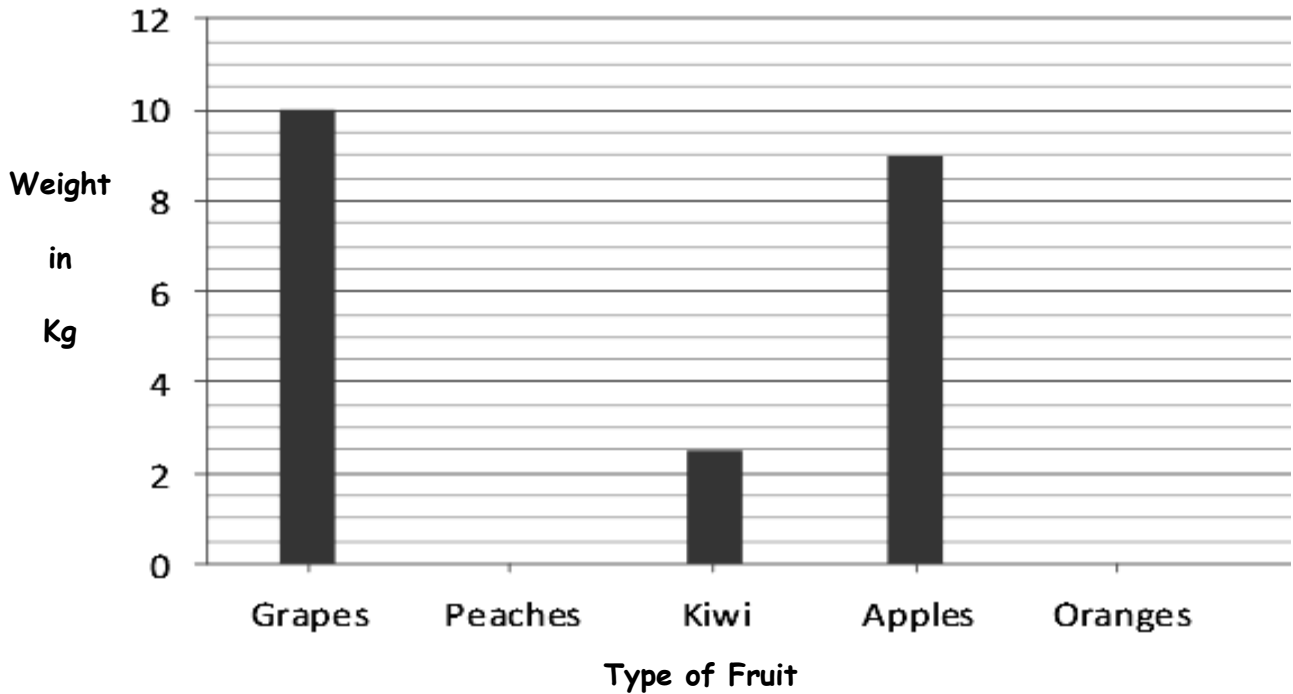
- c) Ivan celebrates his birthday on the first Saturday in February.
Ivan's birthday is on the:

2nd February	<input type="checkbox"/>
7th February	<input type="checkbox"/>
9th February	<input type="checkbox"/>

Tick the correct answer.

13. The bar graph and table below show the number of **kilograms** of different fruit that a shopkeeper bought in 1 week.

Weight of fruit bought in 1 week



	<u>Grapes</u>	<u>Peaches</u>	<u>Kiwi</u>	<u>Apples</u>	<u>Oranges</u>
Weight in kg	10	6			8.5

a) **Complete** the table by using the bar graph.

b) **Complete** the bar graph by using the table.

c) What is the total weight of fruit?

Kg

d) What fraction of the total weight is the weight of apples?

14a. Look at these angles.

$\frac{1}{3}$ right angle	300°	$1\frac{1}{2}$ right angle
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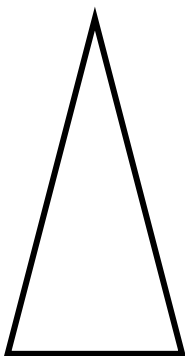
Which of these angles are:

i) less than 90° _____

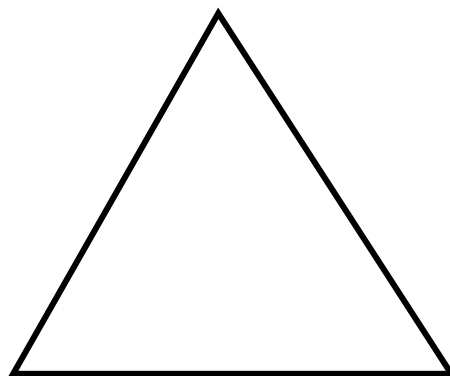
ii) between 90° and 180° _____

iii) more than 2 right angles _____

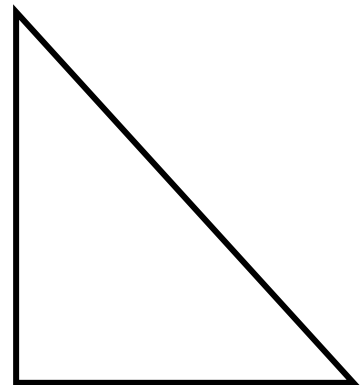
14b. Fill in the blanks



A



B



C

i) Shape _____ is a right-angled triangle.

ii) Shape _____ has 2 equal angles.

iii) Shape _____ has three lines of symmetry.

15. Jane and Wendy planned to spend Friday afternoon together.

This was their plan:

4:00 pm: meet at Valletta and go shopping

5:00 pm: have a snack

6:35 pm: film starts



a) This clock face shows the time Wendy arrived in Valletta.

Tick the correct statement.

i) Wendy arrived 18 minutes early.

ii) Wendy was 18 minutes late.

iii) Wendy was on time.

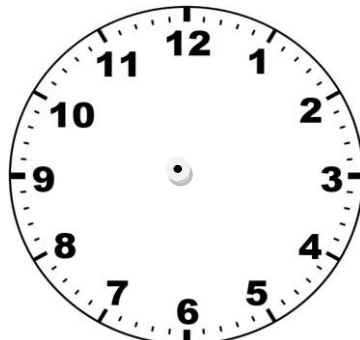


b) The children spent _____ minutes shopping.

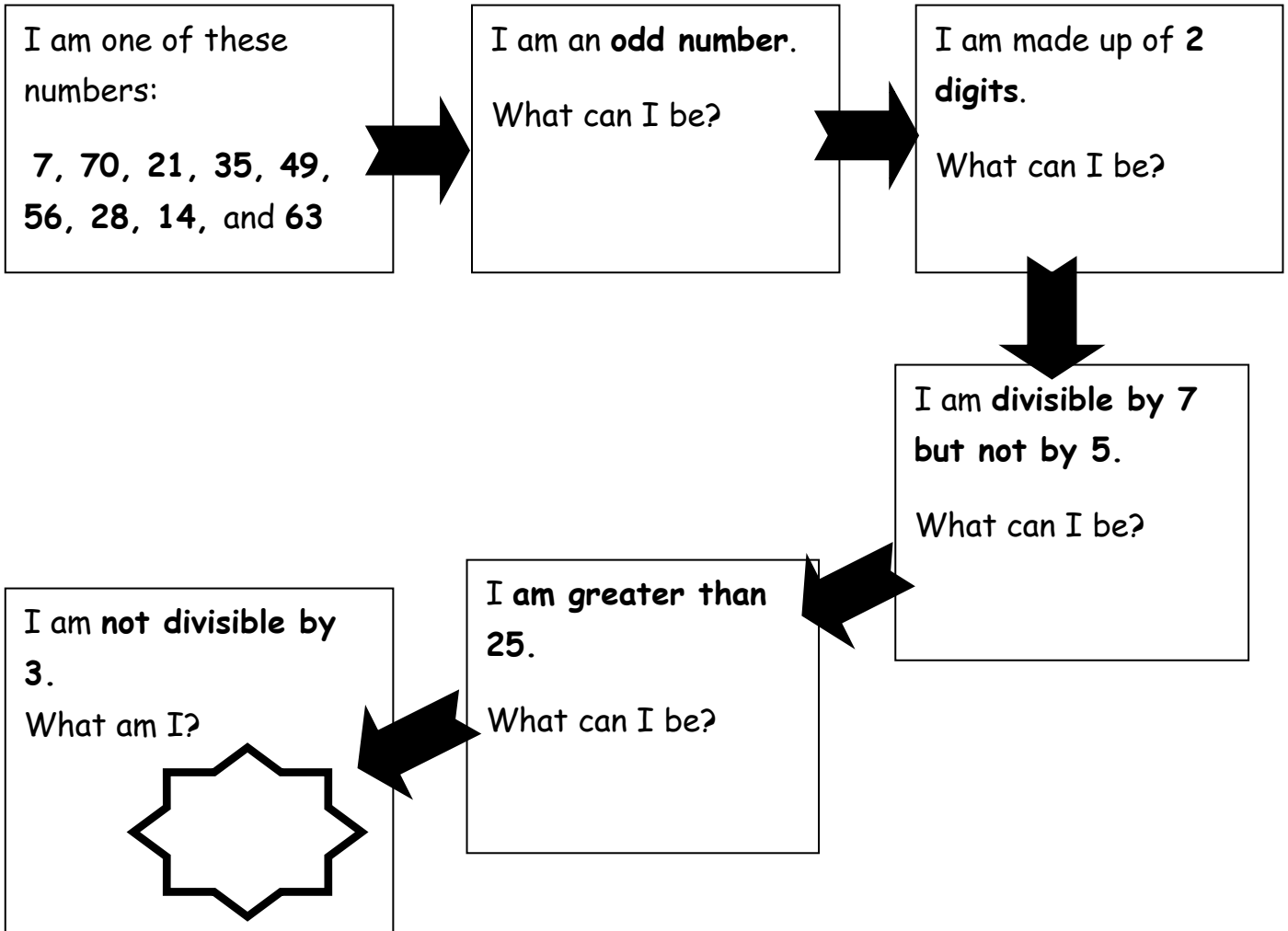
c) i) The film was 1 hour 25 minutes long. At what time did the film end?

pm

ii) On the clock face, draw the time the film ended.



16. Kurt is thinking of a number. Read the clues and find the mystery number.



END OF PAPER

Marks' distribution: numbers 1 - 4	4 marks each	(16 marks)
5 - 12	5 marks each	(40 marks)
13 - 16	6 marks each	(24 marks)