DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
Department for Curriculum Management and eLearning
Educational Assessment Unit

Annual Examinations for Primary Schools 2011
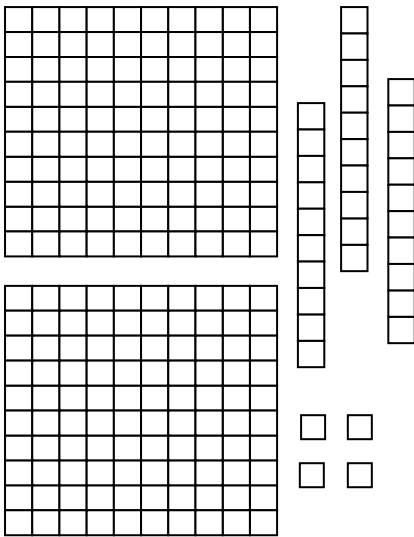
YEAR 4	MATHEMATICS	TIME: 1h 15min

Name: _____   **Class:** _____

1.   Fill in:

a)	45 + 72 =	
b)	176 + ☐ = 234	
c)	What is the **difference** between 37 and 45?	
d)	What are three **lots** of 8?	
e)	**Divide** 48 by 4.	
f)	How many **litres** in 2000 mℓ?	
g)	Which is heavier? 4500 g $3\frac{1}{2}$ Kg	
h)	A **cylinder** has ☐ edges.	
i)	What is 30 minutes **earlier** than 2:45?	
j)	What is 2c **less than** €1?	
k)	What is 472 rounded to the nearest 100?	
l)	What is the next number in the sequence? 626, 616, 606, _____.	

2. Complete.

a) How many squares (□) in all?

b) Write the answer in words.

_____

c) How many hundreds, tens and units in three hundred and eight?

H	T	U

_____

3. Match.

a) The capacity of a kettle is **less than**   •

6 metres

b) The capacity of a bucket is **more than**   •

30 cm

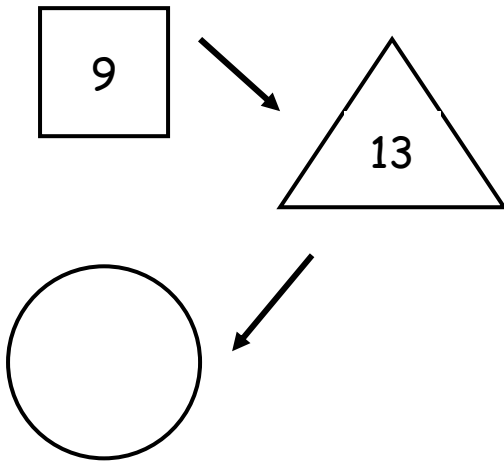c) The height of a desk is **more than**   •

100 ml

d) The height of a door is **less than**   •

5000 ml

4. Complete.

a) **Double** the number in the **square**.

Add the answer to the number in the **triangle**.
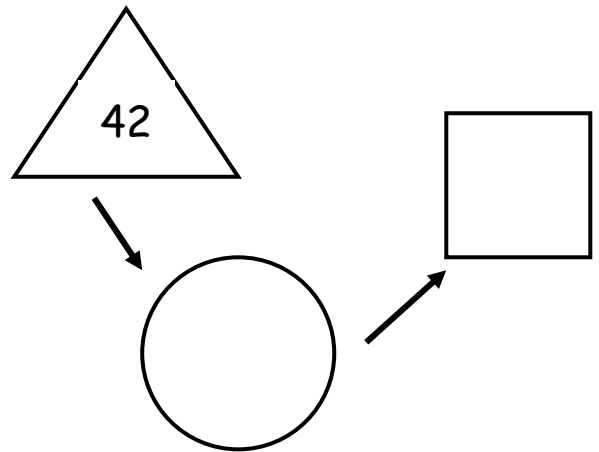
Write the result in the circle.

b) **Halve** the number in the triangle.

Divide your answer by 3.

Write the result in the **circle**.

Subtract 2 from the number in the circle.

Write the result in the **square**.

9 → △ 13 → ○

△ 42 → ○ → □

_____

5. John is preparing his school bag.

The English books weigh 500 g each.

The Maths books weigh 300 g each.

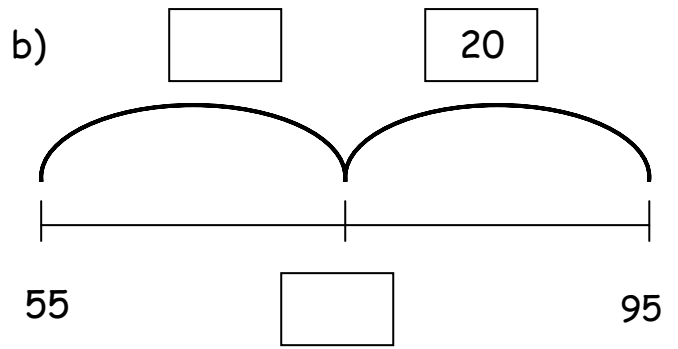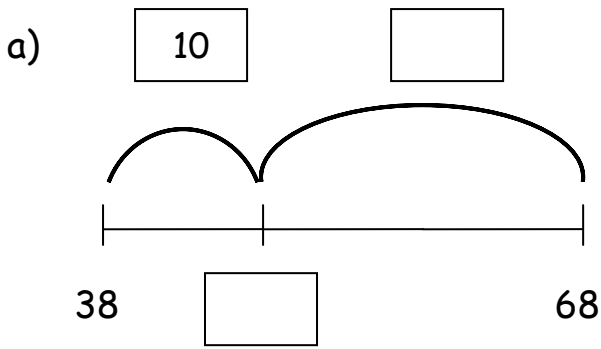a) John puts two English books and two Maths books in his bag.

Work out the **total weight** of the books in grams.

_____ g

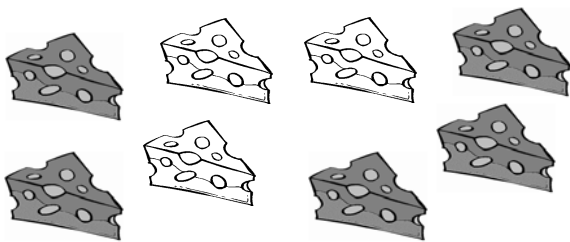b) **Write** your answer in **Kg** and **g**.

____ Kg ____ g

6. Write the missing numbers.

a) | 10 | | b) | | | 20 |

38 | | 68   55 | | 95

_____

7. Circle the fraction that shows which part of the set …….
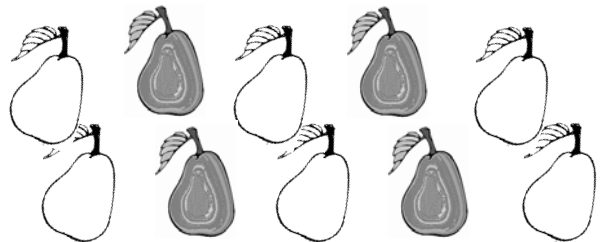
a) ……….**is shaded**.

$\dfrac{5}{8}$ $\dfrac{3}{8}$ $\dfrac{5}{6}$

b) ……….. **is not shaded**

$\dfrac{7}{10}$ $\dfrac{4}{10}$ $\dfrac{6}{10}$

c) The picture shows 12 glasses.

Fill in:

i) $\dfrac{1}{4}$ of 12 glasses = ⬚ glasses.

ii) ⬚ of 12 glasses = 9 glasses.

8. A group of children are going to the pool.
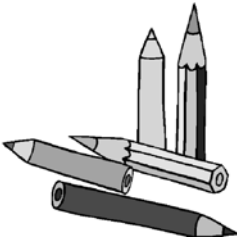
It costs 80c for a child to use the pool.

a) How much does it cost for a group of 10 children?

_____ c

b) Write the answer in Euro.

€_____

_____

9.

Pencils are sold in packs of 5.

A group of 48 children need **one pencil each**.

a) How many **packs** of pencils need to be bought?

_____ packs

b) How many pencils are **left** unused?

_____ left

c) How many **more children** could join in to use all the pencils bought?

_____ children

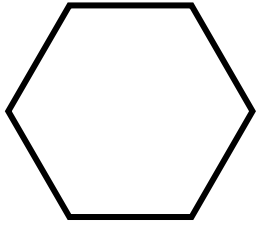10. a) Match the cards on the left to the correct answers on the right.

i) | 56 + 27 + 57 |

equal to 100

ii) | 6 lots of 5 |

greater than 100

iii) | Double 50 |

less than 100

b) Match the cards that have a **difference of 30**.

i) | 76 |

137

ii) | 40 |
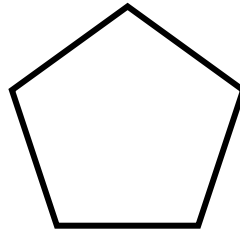
106

iii) | 167 |

70

11. Look at these shapes.

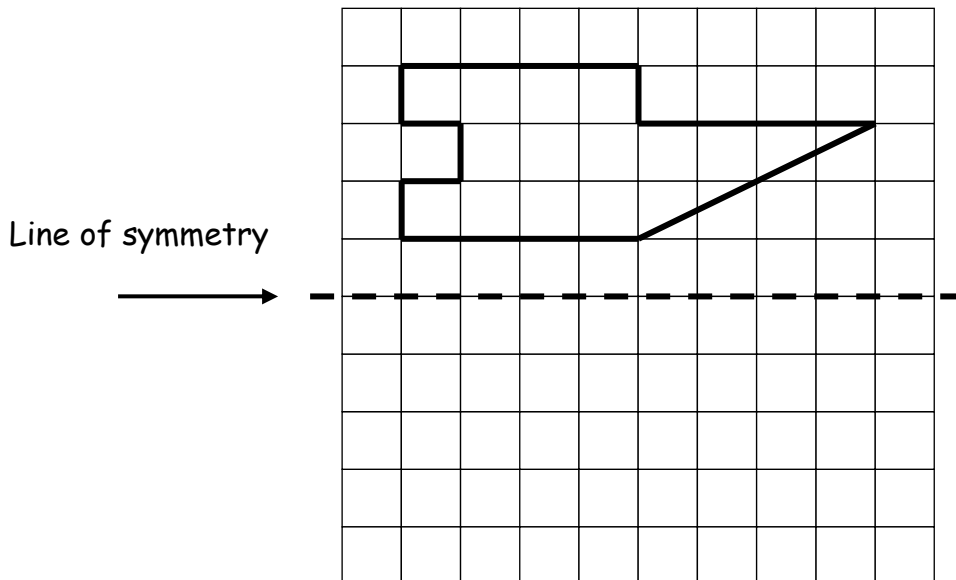a) **Name** the shapes and **write** down the number of **lines of symmetry**.

Name: _____

Lines of Symmetry: _____

Name: _____

Lines of Symmetry: _____

b) Draw the **reflection** of this shape on the other side of the line of symmetry.
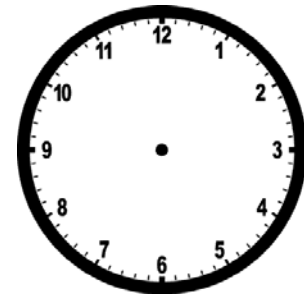
Line of symmetry

12. Ben usually wakes up at 7 o'clock.

a) Today he wakes up 3 hours **later**.

   i) At what time does he wake up?
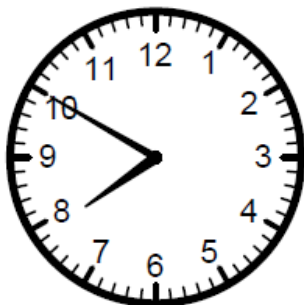
   [   ]

   ii) **Mark** this time on the clock.

 b) At **quarter past 11** he goes to grandma and stays there for
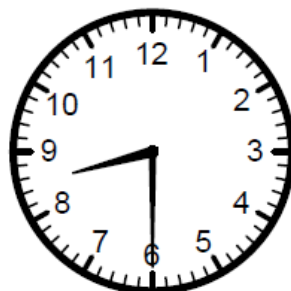
   35 minutes. He then goes back home.

   At what time does he go back home?

   [   ]

c) How many minutes from Clock A to Clock B?

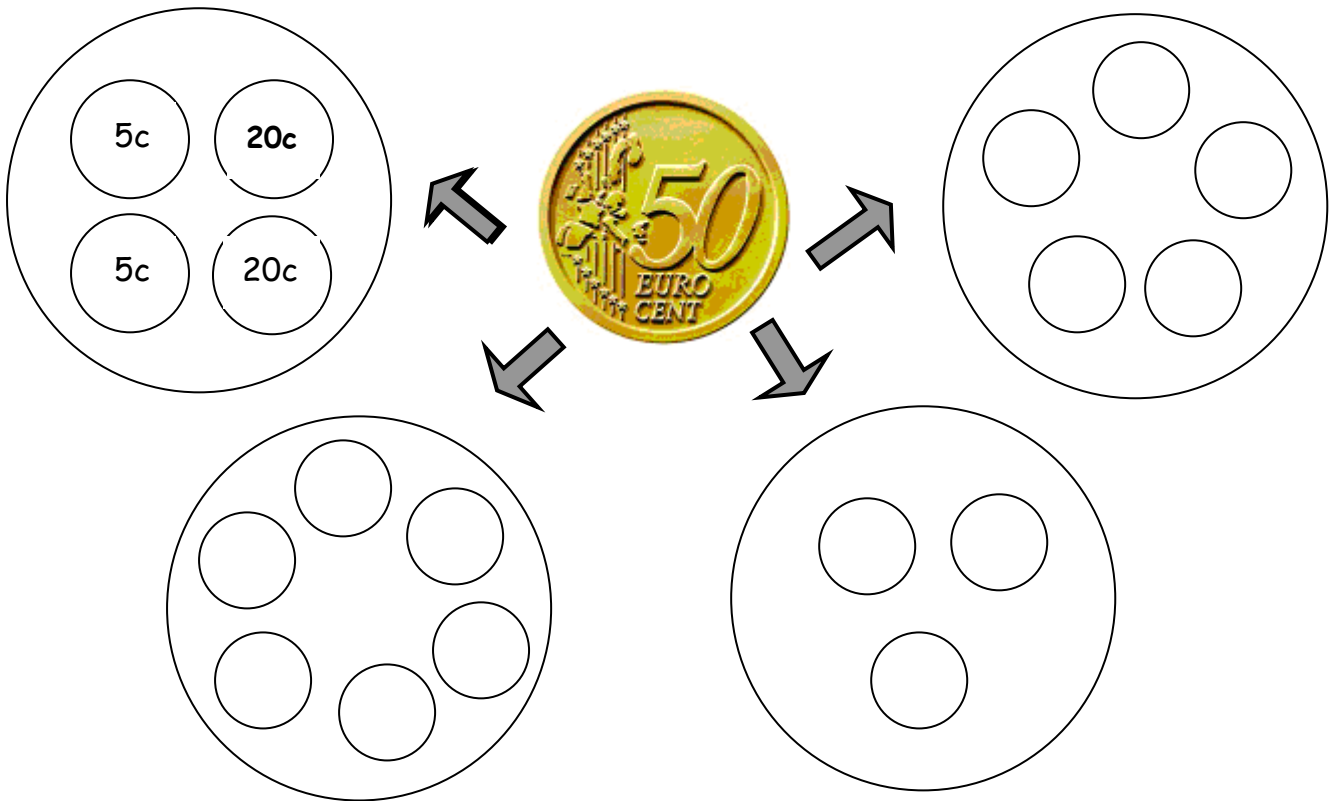Clock A   Clock B

7:50 a.m.   8:30 a.m.

_____ minutes

13. Maria saves money in a piggy bank.

a) How much money does she

have in the piggy bank?

€_____

b) Show **three other ways** of making up 50c.

5c	20c
5c	20c

c) Put a ✓ in the box to show which **three coins** must be used to pay for

the coffee.

€1.25
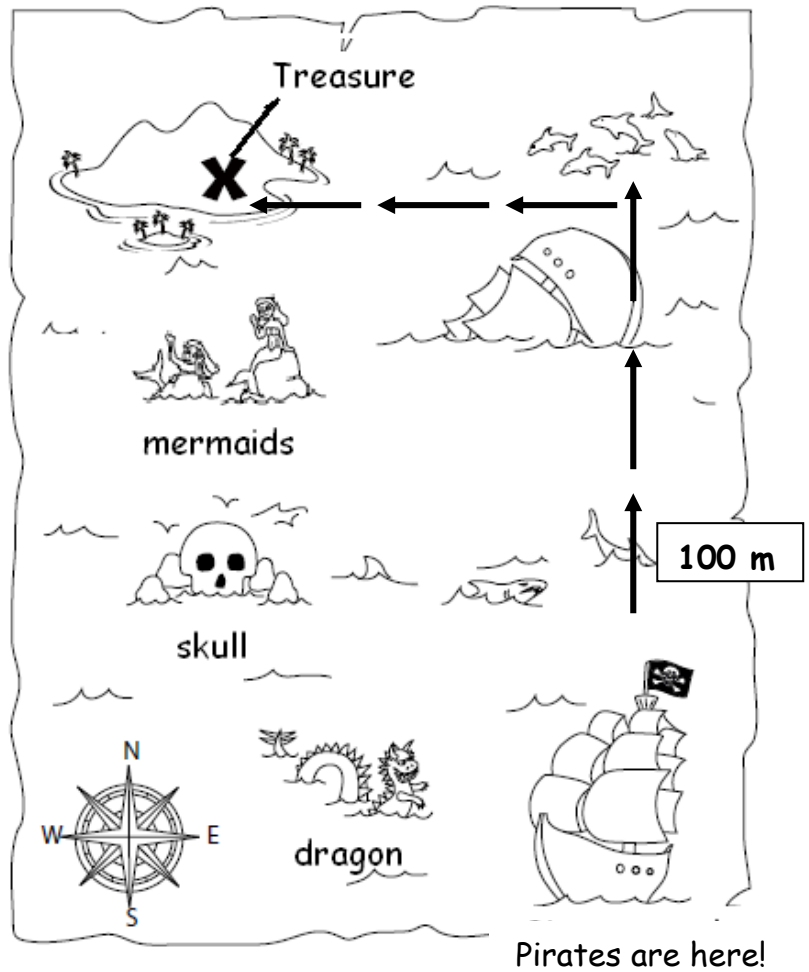
14. The pirates are looking for a treasure. This is the treasure map.

a) Use **compass points** to complete these sentences.

i) The dragon is _____ of the Pirates' ship.

ii) The mermaids are North of the _____.

Treasure

mermaids

skull

100 m

N
W   E
S

dragon

Pirates are here!

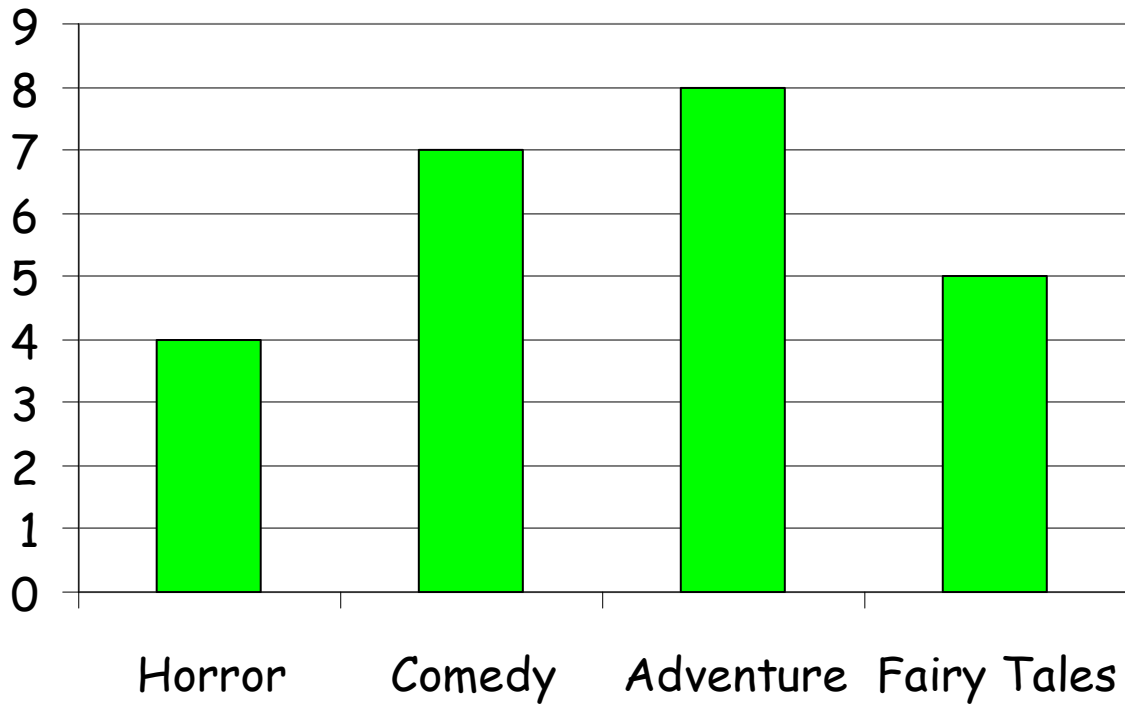b) **Each** arrow (↑) represents **100 m**.

What is the **distance** from the Pirates' ship to the Treasure?

_____ m

c) Fill in:

To get to the Treasure the Pirates have to go _____ m North and

300 m _____.

15. These are the children's favourite books in a Year 4 class.

a) Which are the **most** favourite books in class?

b) Which are the **least** favourite books?

c) How many **more** children **prefer** adventure books than fairy tales?

d) How many children are there in this class?

16. Four numbers are added to make the number **224.**

All the four numbers have **6** as the **unit digit**.

The **tens** digits are **all different**.

Find what the four numbers could be.

Give 3 possible answers.

224

_____

END OF PAPER