

KULLEĠĠ SAN BENEDITTU

Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2016/2017

CCP

YEAR 8

MATHEMATICS

TIME: 30 mins

Non Calculator Paper

Question	1	2	3	4	5	6	NC
Max. Mark	4	4	4	3	5	5	25
Mark							

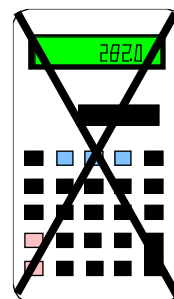
DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

INSTRUCTIONS TO CANDIDATES:

- Answer ALL questions.
- This paper carries a total of 25 marks.
- Calculators and protractors are NOT ALLOWED.



1. **Work out:**

a) $12 \times 2 =$ _____

b) $20 \div 4 =$ _____

c) $8.36 +$
2.92

d) $9.7 -$
3.4

(4 marks)

2. **Work out:**

a) $21 \times 1000 =$ _____

b) $500 \div 10 =$ _____

c) $38.55 \times 10 =$ _____

d) $744.8 \div 100 =$ _____

(4 marks)

3. a) **182** people go to a party.

At midnight, another **110** people **come in**.

How many people in all are at the party?

Ans: _____ people in all

b) A farmer has **260** crates of oranges.

He **sells 135** of them.

How many crates of oranges are left?

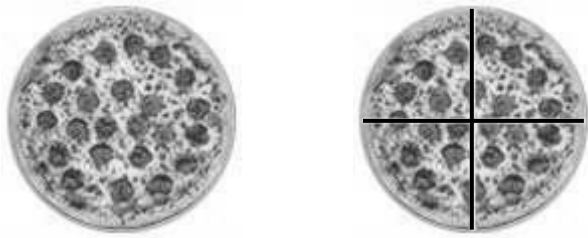


Ans: _____ crates of oranges left

(4 marks)

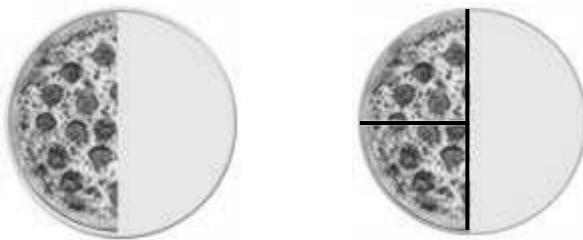
4. a) **Fill in:**

i)



1 whole turn = right angles

ii)



Half a turn = right angles

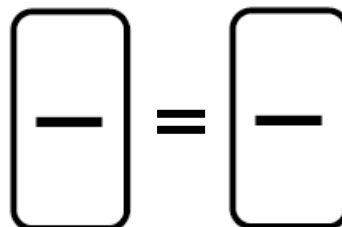
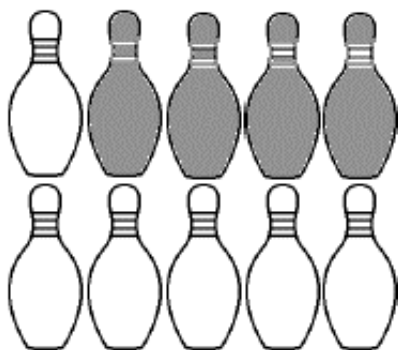
b) **Underline** the correct answer.

A right angle is equal to (90°, 180°, 360°).

(3 marks)

5. Write down the fraction of pins that are **shaded**.

Give your answer in its **lowest terms**.



(5 marks)

6. Andrew buys the following items from the supermarket:



Milk: €0.52



Bread: 68c



Apples: €1.76

Yoghurt: €0.45

a) Work out the **total cost**, in euro.

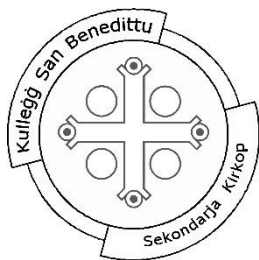
Ans: €_____

b) How much **change** will Andrew receive, if he has €5?

Ans: €_____

(5 marks)

END OF NON CALCULATOR PAPER



KULLEGG SAN BENEDITTU Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2016/2017

CCP

YEAR 8

MATHEMATICS

TIME: 1 hr

Main Paper

Ques.	1	2	3	4	5	6	7	8	9	10	11	Main	NC	Global Mark
Max. Mark	4	10	5	5	5	7	11	4	7	4	13	75	25	100
Mark														

DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

INSTRUCTIONS TO CANDIDATES:

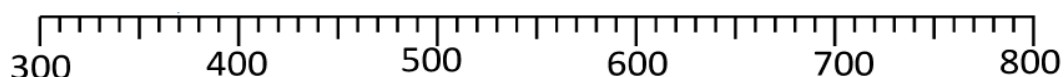
Read all the questions carefully before you start answering.

- Answer all questions.
- This paper carries 75 marks.
- Calculators and mathematical instruments are allowed but all necessary working must be shown.

1. a) On the number line below, **mark** these numbers with an **arrow**:

i) 370

ii) 710



b) **Fill in:**

i) 370 to the nearest hundred is _____.

ii) 710 to the nearest hundred is _____.

(4 marks)

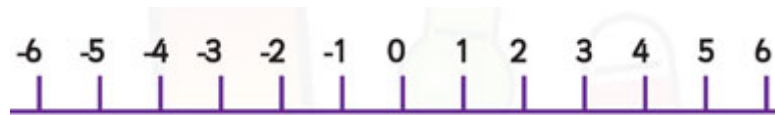
2. a) Put in order, **smallest** first.

17.49 1.3 7.18 13.73 1.08

b) Put in order, **largest** first.

321 697 256 645 782

c) Look at the number line.



Fill in with:

is greater than

is smaller than

i) -5 _____ 1

ii) 2 _____ -4

(10 marks)

3. **Fill in** by choosing from the numbers in the box.

8 12 13 36 44 45 60 80

a) A factor of 40 is _____.

b) 44.7 rounded to the nearest whole number is _____.

c) $7.5 \times 8 =$ _____.

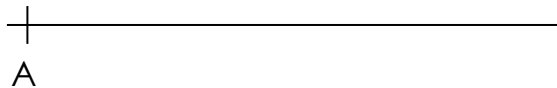
d) A square number is _____.

e) A prime number is _____.

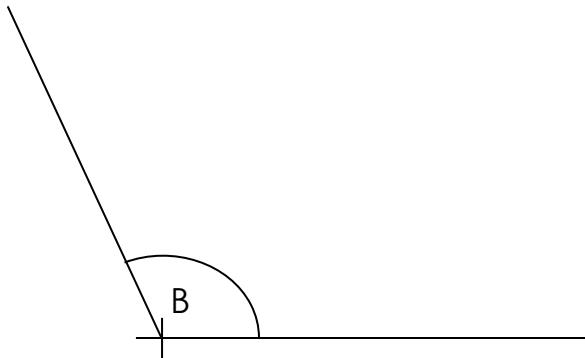
(5 marks)

Name: _____ Class: _____

4. a) **Draw** and **label** an angle of 55° at A.



b) i) **Measure** angle B.



Ans: Angle B = _____^o

ii) Tick ✓ the correct answer.

Angle B is:

☐

acute

☐

obtuse

☐

reflex

(5 marks)

5. Clare has 30 grapes. She eats $\frac{1}{3}$ of them.

a) How many grapes does Clare **eat**?

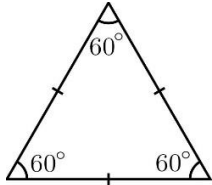
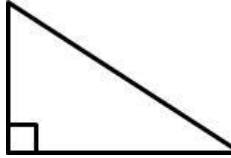
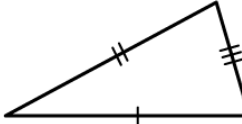
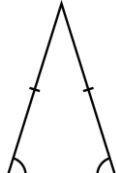


Ans: _____ grapes

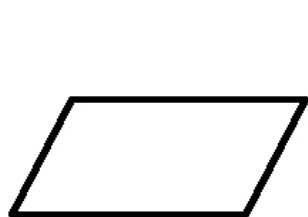
b) How many grapes are **left**?

Ans: _____ grapes left
(5 marks)

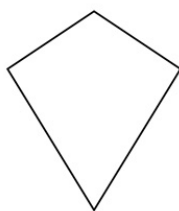
6. a) **Match:**

Scalene triangle	•	•	
Isosceles triangle	•	•	
Right-angled triangle	•	•	
Equilateral triangle	•	•	

b) **Underline** the correct answer.



Parallelogram



Kite

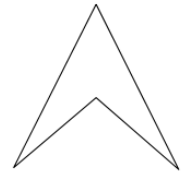
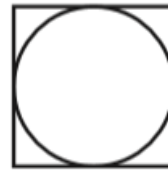
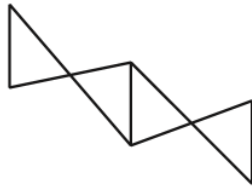
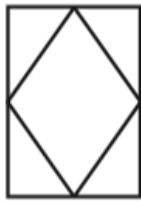


Rhombus

- i) A (triangle, circle, quadrilateral) has 4 sides.
- ii) A (parallelogram, kite, rhombus) has no lines of symmetry.
- iii) A rhombus has (1, 2, 4) lines of symmetry.

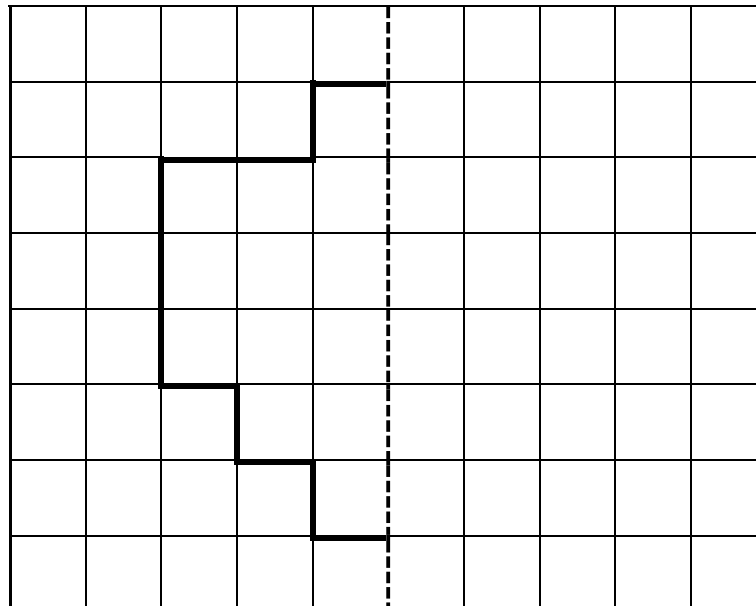
(7 marks)

7. a) Tick ✓ **three** objects which have **reflection symmetry**.



b) **Draw** the lines of symmetry of the objects you chose in question (a).

c) **Complete the shape** so that the dotted line is the line of symmetry.



(11 marks)

8. Aaron uses **8** litres of compost to fill **5** plant pots. How much compost does he need to fill **20** plant pots?

Show all your working.

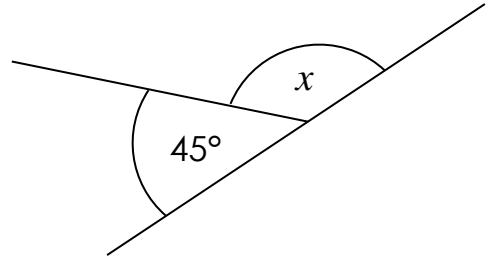


Ans: _____ litres
(4 marks)

9. Find the value of:

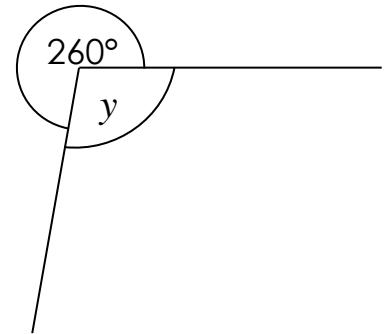
(a) angle x

Ans: $x =$ _____ °



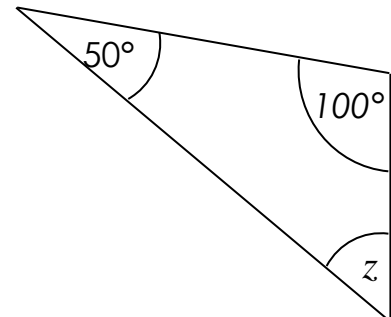
(b) angle y

Ans: $y =$ _____ °



(c) angle z

Ans: $z =$ _____ °



(7 marks)

10. Work out:

a) $\frac{4}{13} + \frac{7}{13} + \frac{1}{13} =$

Ans: _____

b) $\frac{17}{20} - \frac{14}{20} =$

Ans: _____

(4 marks)

11. a) Use the rule to fill in the table. The first one is done for you.

The y coordinate is **double** the x coordinate

	x coordinate	y coordinate
i)	1	2
ii)	2	
iii)	3	
iv)		8
v)		10

b) Write the values in the table above as **coordinates**.

The first one is done for you.

i) (1 , 2)

ii) (2 , ____)

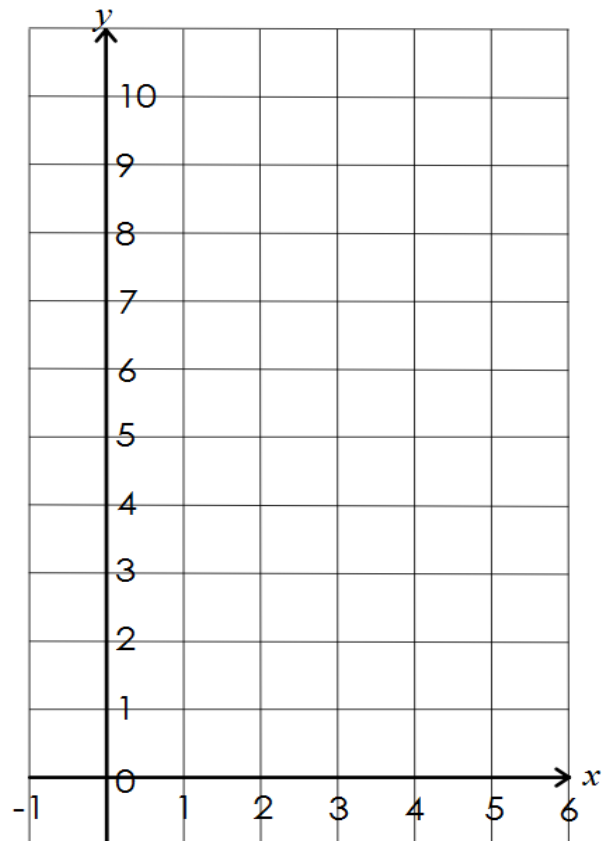
iii) (3 , ____)

iv) (____ , 8)

v) (____ , 10)

c) i) **Plot** the points on the grid.

ii) **Join** the points to form a straight line.



(13 marks)

END OF MAIN PAPER

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