

KULLEGG SAN BENEDITTU Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2017/2018

CCP

Year 9

MATHEMATICS
Non Calculator Paper

TIME: 15 mins

Question	1	2	3	4	5	NC
Mark						

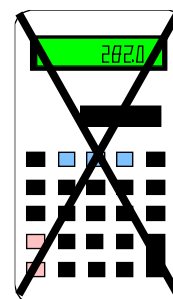
DO NOT WRITE ABOVE THIS LINE

NAME: _____

CLASS: _____

Instructions to Candidates

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



1. Fill in:

a)

Rule: Add 6		
IN		OUT
72	→	
95	→	

b)

Rule: Subtract 9		
IN		OUT
23	→	
88	→	

c)

Rule: Multiply by 8		
IN		OUT
7	→	
10	→	

d)

Rule: Divide by 5		
IN		OUT
10	→	
35	→	

(8 marks)

2. Work out:

a) $62 \times 1000 =$ _____

b) $2930 \div 10 =$ _____

c) $1365 + 703 =$ _____

d) $481 - 219 =$ _____

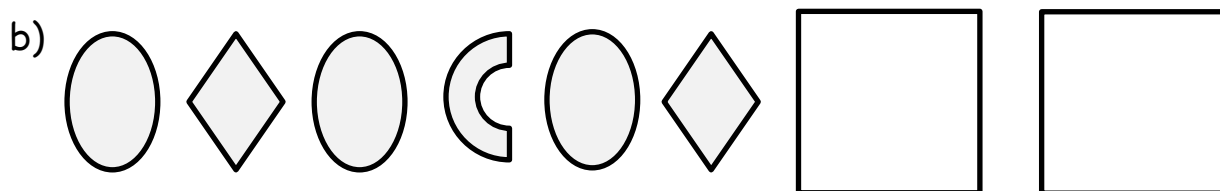
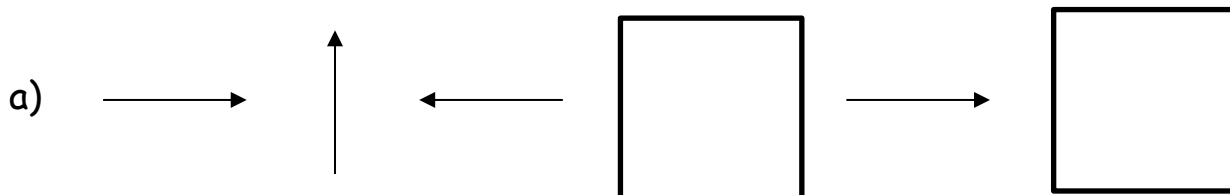
(6 marks)

3. Fill in:

$$3592 = 3000 + \underline{\hspace{2cm}} + 90 + 2$$

(1 mark)

4. Fill in the boxes to continue the patterns:



(4 marks)

5. This toy has **4 wheels**.

- a) A factory makes 150 toys.
How many wheels for 150 toys?

 wheels

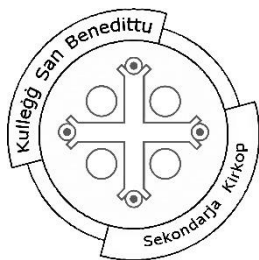


- b) How many toys are made if 200 wheels are used?

Ans: toys

(6 marks)

END OF NON-CALCULATOR PAPER



KULLEGG SAN BENEDITTU Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2017/2018

CCP

Year 9	MATHEMATICS Main Paper	TIME: 45 mins
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Question	1	2	3	4	5	6	7	8	9	10	11	Total Main	Non Calc	Global Mark
Mark														

DO NOT WRITE ABOVE THIS LINE

NAME: _____ CLASS: _____

INSTRUCTIONS TO CANDIDATES:

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

1. a) **Complete** the sequence:

3, 8, 13, 18, _____, _____, _____.

b) Tick (✓) the **correct** rule:

Subtract 5 ☐

Add 6 ☐

Add 5 ☐

(5 marks)

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

493

168

439

186

409

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

205

20

2050

2500

25

c) Write as a **number**.

nine thousand, five hundred and twenty six _____

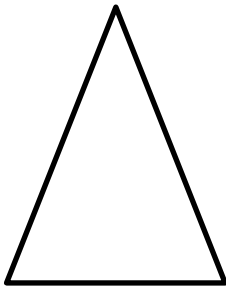
d) Write in **words**:

7543 _____

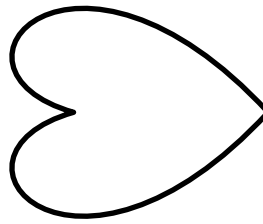
(10 marks)

3. Draw **all** lines of symmetry.

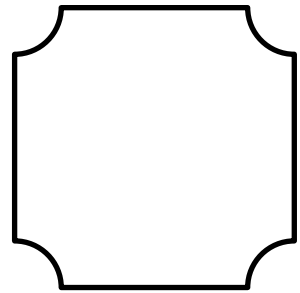
a)



b)



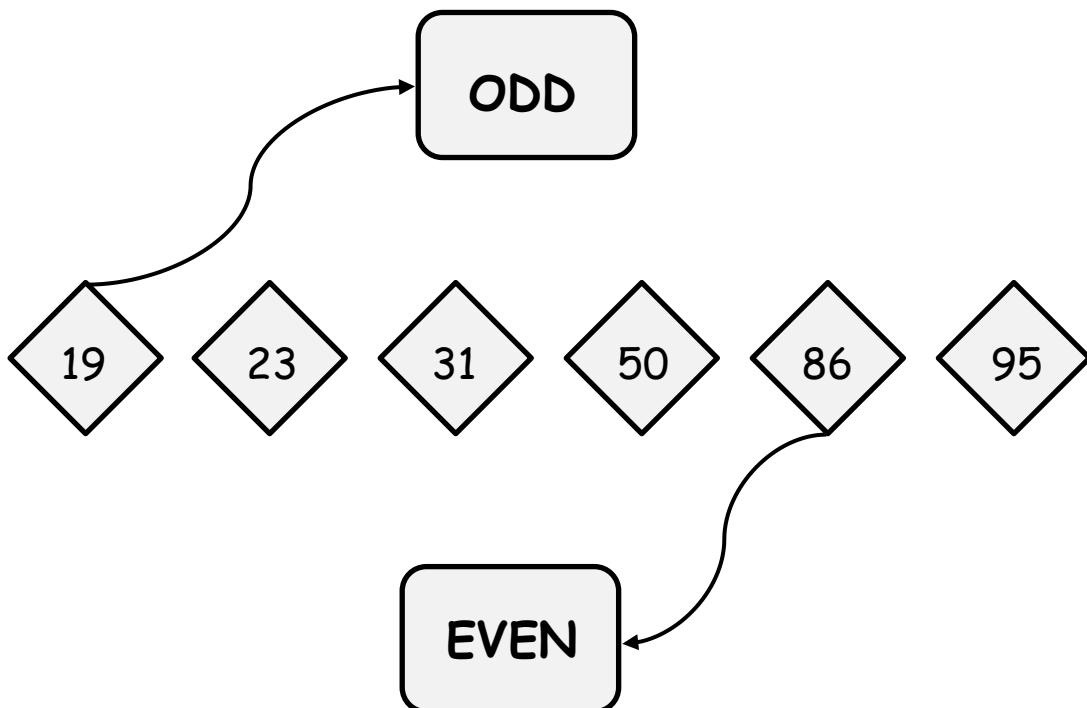
c)



(4 marks)

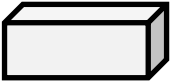
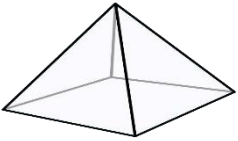

4. Are these numbers **odd** or **even**?

Match the numbers. Two are done for you.



(4 marks)

5. Fill in:

SHAPE	NAME	FACES	EDGES	VERTICES
			12	
	Pyramid			
				8

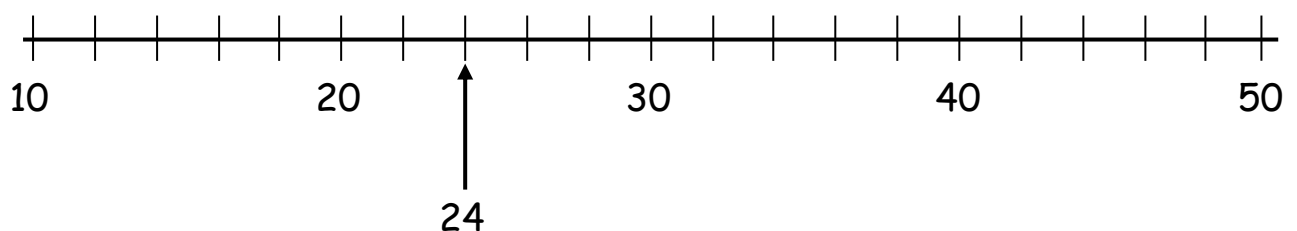
(9 marks)

6. a) **Mark** these numbers with an arrow on the number line. The first one is done for you.

i) 24

ii) 35

iii) 48



b) Fill in by **rounding to the nearest 10**. Use the number line to help you. The first one is done for you.

i) 24 rounded to the nearest ten is 20.

ii) 35 rounded to the nearest ten is _____.

iii) 48 rounded to the nearest ten is _____.

6. c) i) Marlene works out a sum on her calculator and gets this answer.

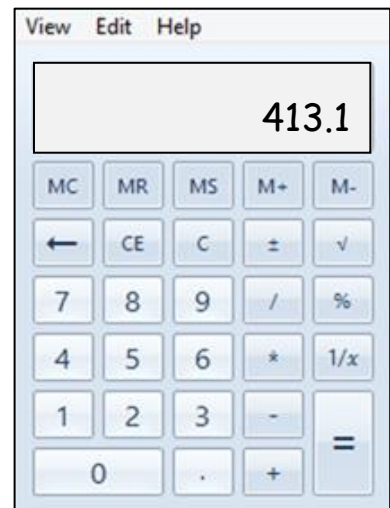
Which sum did Marlene work?

Tick (✓) the correct sum.

15.3×2.7 ☐

$153 \div 2.7$ ☐

153×2.7 ☐

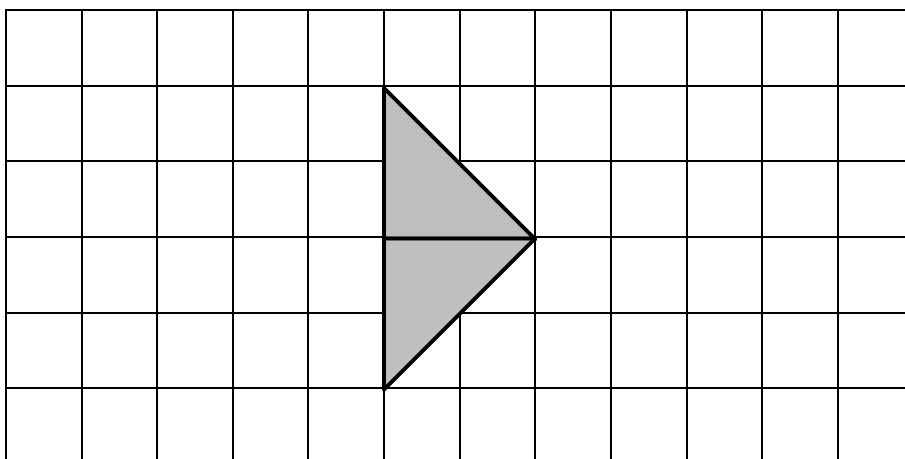


ii) Round Marlene's answer correct to the **nearest hundred**.

Ans: 413.1 → _____

(7 marks)

7. Draw **4 more** right-angled triangles to make a **tessellation**.



(4 marks)

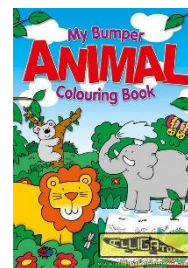
8.



Box of crayons
€7.29



Pencil case
€3.45



Colouring book
€2.10

Katia buys 1 box of crayons, a pencil case and 2 colouring books.

a) Work out the bill.

Items	Cost
Box of crayons	
Pencil case	
2 colouring books	
Total	

b) Katia has **two €10 notes**.
How much change will she get?
Show your working.



€ _____

(8 marks)

9. a) Use a **compass** to draw a circle of **radius 4.5 cm**.



b) Use a ruler.

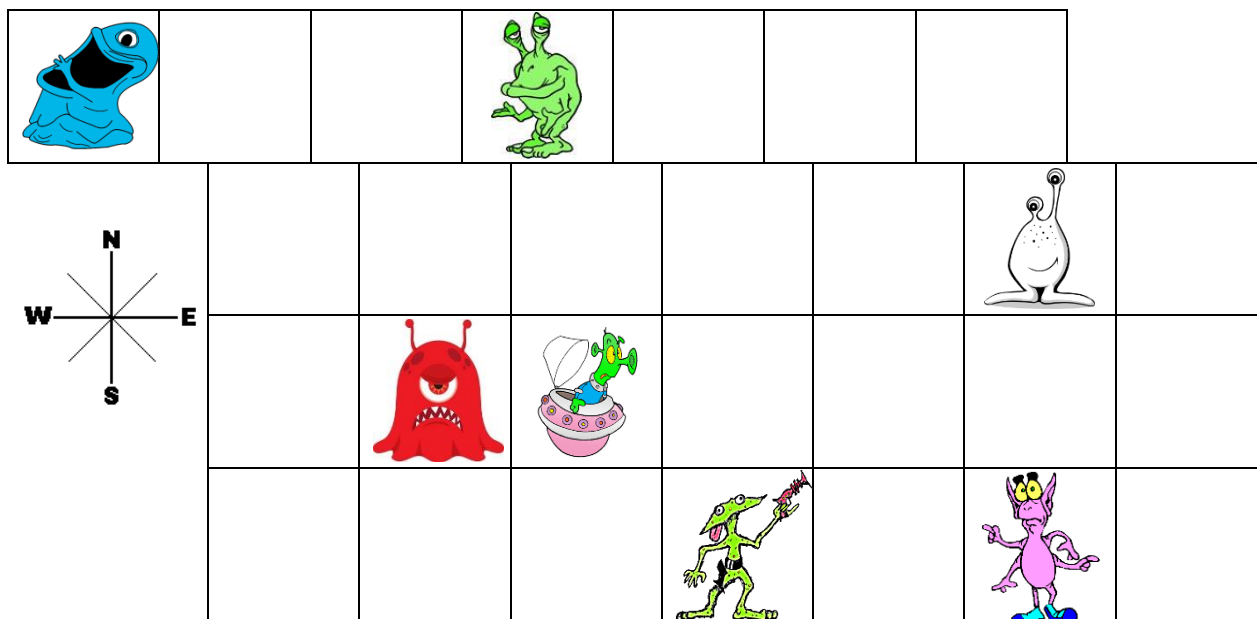
The **diameter** of the circle is _____cm.

c) Label the centre of your circle as O.



d) Mark the circumference with an arrow.

(7 marks)

10.





a) Fill in with **compass directions**. The first one is done for you.

i)  is to the west of 

ii)  is to the _____ of 

iii)  is to the _____ of 

b) i) Draw a star  to the north of 

ii) Draw a spaceship  to the south west of 

(8 marks)

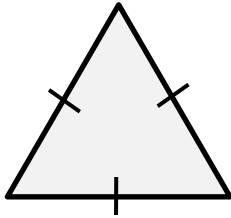
11. a) Fill in with the words:

isosceles triangle

equilateral triangle

rectangle

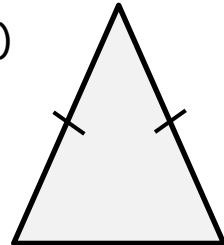
i)



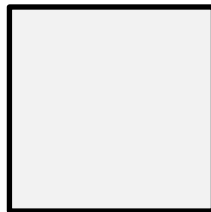
ii)



iii)



b) This is a **square**.



True or False

i) All sides of a square are equal.

ii) A square has 3 equal angles.

iii) A square has 4 lines of symmetry.

(9 marks)

END OF MAIN PAPER