FORM 1	**MATHEMATICS**	TIME: 30 mins

Non Calculator Paper

| Question	1	2	3	4	5	6	7	8	9	10	11	Total
Max. Mark	2	3	3	1	1	4	1	3	1	3	3	25
Mark												

DO NOT WRITE ABOVE THIS LINE

NAME AND SURNAME: _____   CLASS: _____

INSTRUCTIONS TO CANDIDATES:

Read all the questions carefully before you start answering.

- Answer all questions.

- This paper carries 25 marks.

- **Calculators, protractors** and other mathematical instruments are **NOT ALLOWED.**

- On your desk you should have nothing except for **pen, pencil, ruler** and the **examination paper**.
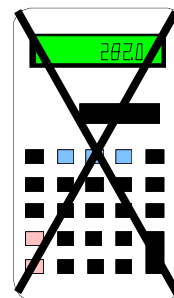
1. Fill in:

   a)   12   +   ☐   =   18

   b)   17   -   ☐   =   12

(2 marks)

2. Write down a number that lies **between**:

   Example: 72   **73**   74

                       147   ☐   149

                       899   ☐   901

                       68   ☐   70

(3 marks)

3. Write **TRUE** or **FALSE**:

   a) **24** is an odd number.   _____

   b) **37** is an odd number.   _____

   c) **229** is an even number.   _____

(3 marks)

4. Choose the correct answer.
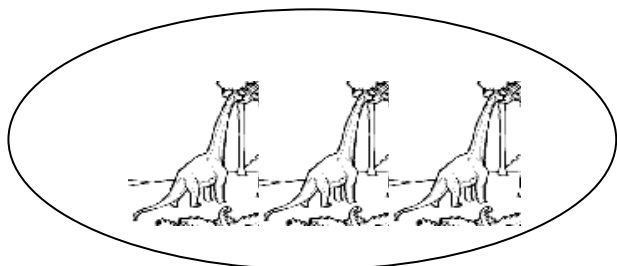
    77 + 14 is about

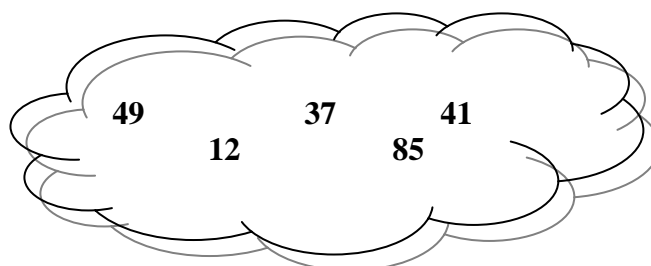   a) 80   b) 100   c) 90

    (1 mark)

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5. There are 3 dinosaurs in each group.
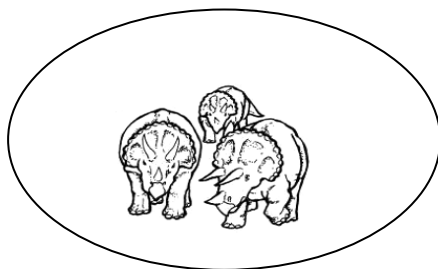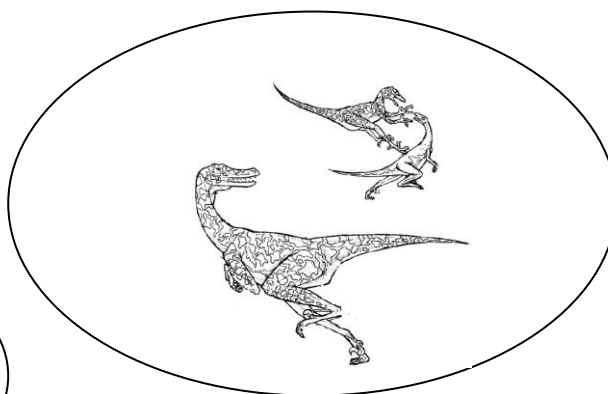
    So, there are 3 × 3 = _____ dinosaurs.

    (1 mark)

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6. Put these numbers in order, starting with the **largest**:

    49   37   41
         12   85

    ☐   ☐   ☐   ☐   ☐
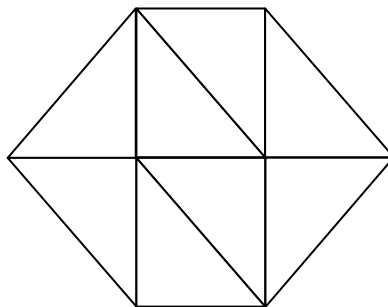
    (4 marks)

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7. This fork is **19.5** cm long.

    This fork is _____ mm long.

<div align="right">(1 mark)</div>

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8. Fill in:

    a)   18   ×   10   =   [   ]

    b)   94   ×   100   =   [   ]

    c)   35   ×   [   ]   =   3500

<div align="right">(3 marks)</div>

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9. Shade $\frac{5}{8}$

<div align="right">(1 mark)</div>

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10. Fill in:

$$47 \times 4 = (40 \times 4) + (\underline{\quad} \times 4)$$
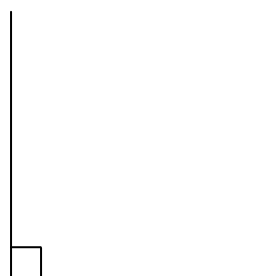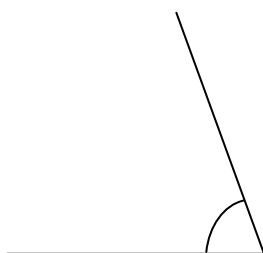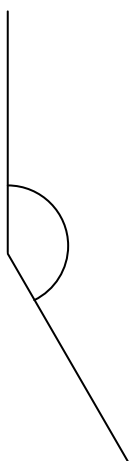
$$= \quad 160 \quad + \quad \underline{\qquad} \quad = \quad \underline{\qquad}$$

(3 marks)

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11. Fill in using:

Right Angle   **Obtuse Angle**   **Acute Angle**

_____   _____   _____

(3 marks)
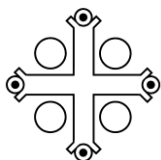
KULLEĠĠ SAN BENEDITTU

Boys Secondary School, Kirkop

BS

HALF-YEARLY EXAMINATIONS – FEBRUARY 2012

FORM 1   **MATHEMATICS** **TIME: 1 hour**

Main Paper

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Main	NC	Global Mark
Max. Mark	2	4	3	2	2	5	5	3	3	5	4	3	6	5	7	5	7	4	75	25	100
Mark																					

DO NOT WRITE ABOVE THIS LINE

NAME AND SURNAME: _____ 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. Work out:

    a)   4.9   +   3.7   =   [   ]

    b)   7.2   -   2.4   =   [   ]

    (2 marks)

2. Fill in:
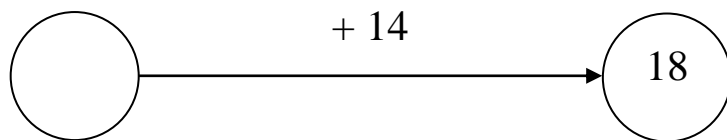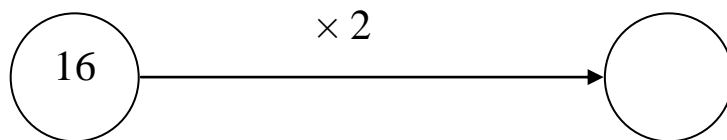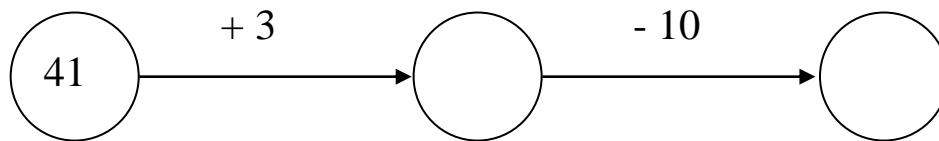
(4 marks)

3. Write these numbers **correct to the nearest 10**.

	Number		**Nearest 10**
Example:	72	→	70
a)	29	→	_____
b)	47	→	_____
c)	54	→	_____

(3 marks)

4. a) Use your ruler to measure this line:

_____

The above line is _____ **cm** long.
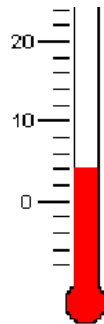
b) Draw a line **4 cm** long.

(2 marks)

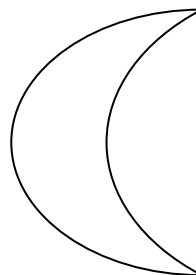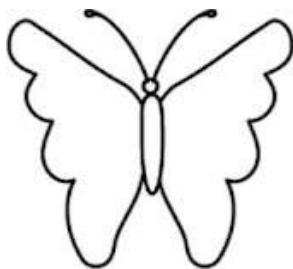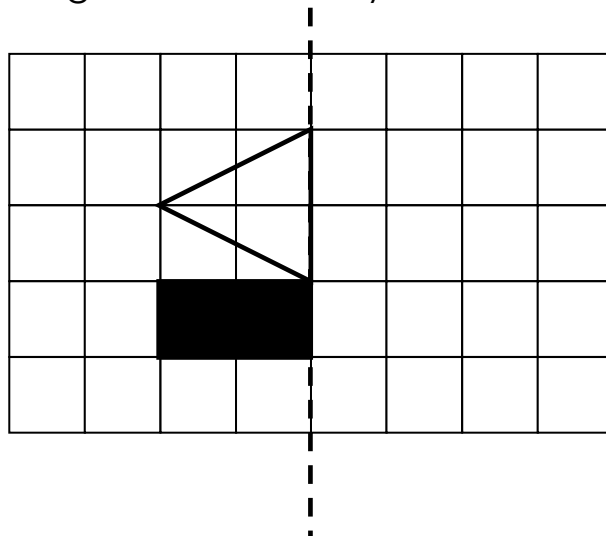5. Read the scales:

a)

Answer a) _____

b)

Answer b) _____

(2 marks)

6. a) Draw the lines of symmetry:

b) Complete the figure to make it symmetrical.

(5 marks)

7. a) Fill in, choosing from:

CENTRE   DIAMETER   CIRCUMFERENCE   RADIUS
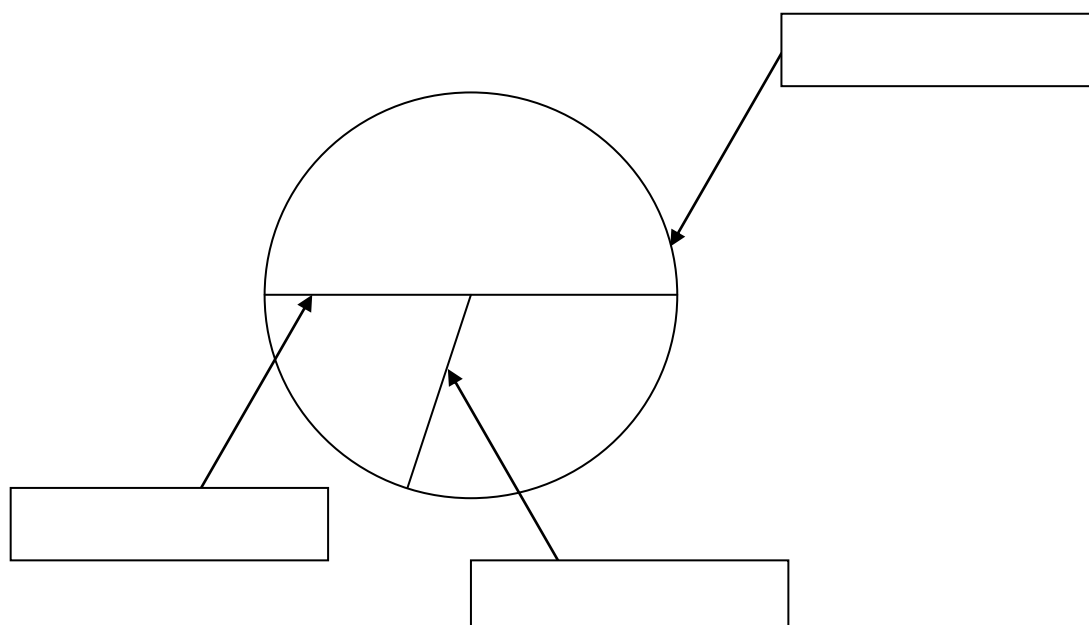
b) Construct a circle radius 3 cm.

•

(5 marks)

8. Match the following:
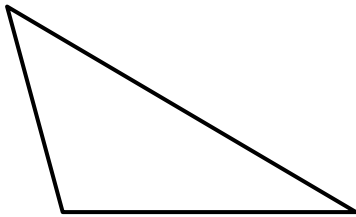
Isosceles Triangle
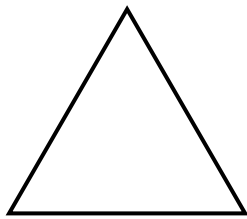
Scalene Triangle
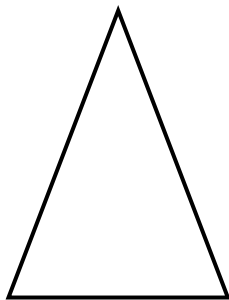
Equilateral Triangle

(3 marks)

9. a) Shade $\frac{2}{5}$ of the following:
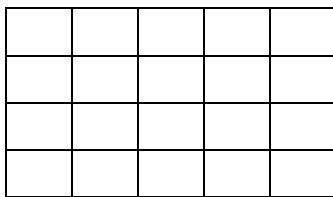
b) Work out $\frac{2}{5}$ of 20.

Answer b) _____

(3 marks)

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10. a) What fraction is shaded?

_____   _____   _____
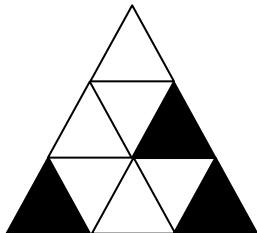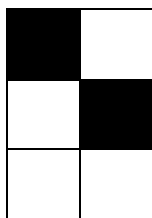
b) What fractions from the above are equivalent to $\frac{1}{3}$?

$$\frac{1}{3} = \boxed{} = \boxed{}$$

(5 marks)

11. This is the calendar for February 2012.

February						
Su	**Mo**	**Tu**	**We**	**Th**	**Fr**	**Sa**
			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) There are _____ **days** in February 2012.

b) There are _____ **Mondays** in February.

c) 1st February was a **Wednesday** and the 28th February is a
   _____.

d) What month comes **after** February? _____

(4 marks)

_____

12. a) Measure the following angle:
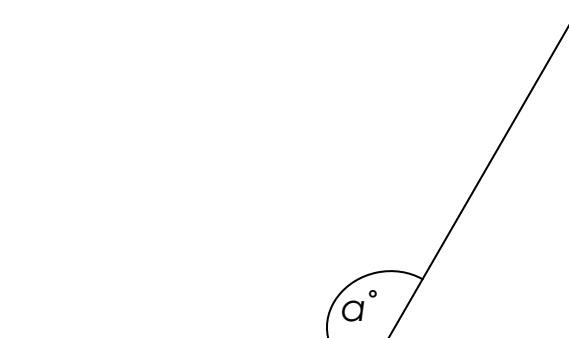
Angle a° = _____ °

°

b) Draw an angle of 45˚.

————————————————+
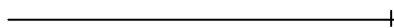
(3 marks)

13. a) Write the correct time under each clock:

| 12:30 | 16:00 | 20:30 | 09:00 |

_____   _____

_____   _____
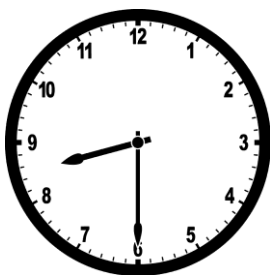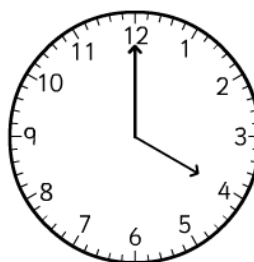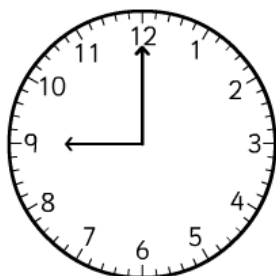
b) Draw the hands of the clock to show this time - **18:00**.
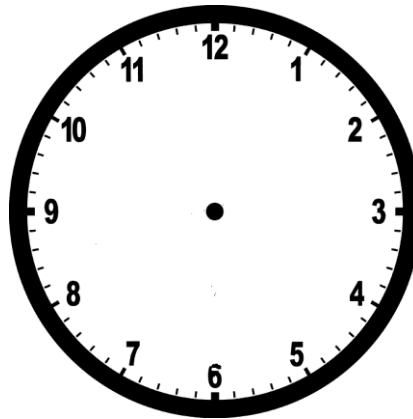
(6 marks)

14. This pictogram shows the number of goals scored by each football team.

Football team	Goals scored	Number
Manchester United	⚽ ⚽	
Juventus	⚽ ⚽ ⚽	
Real Madrid	⚽ ⚽	

a) If each ball represent 2 goals, fill in the last coloumn.

b) _____ scored the most goals.

c) _____ and _____ scored the same number of goals.

(5 marks)

15.
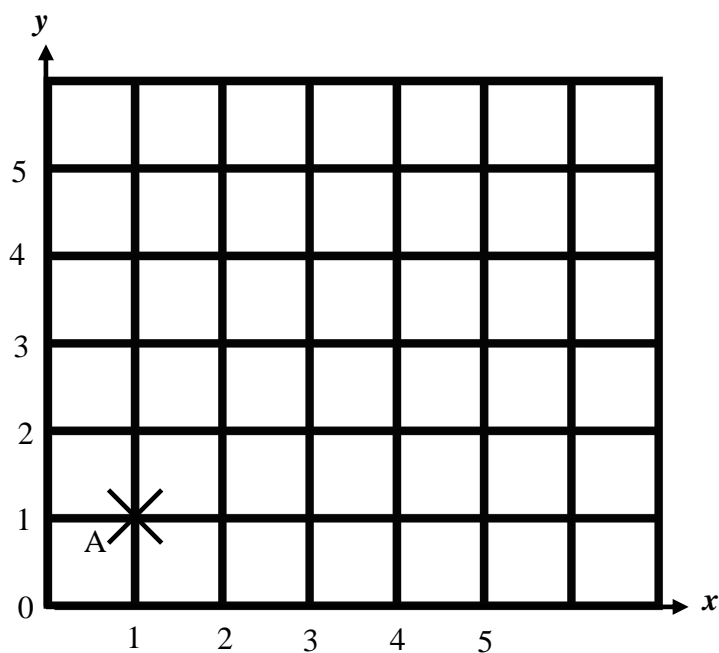
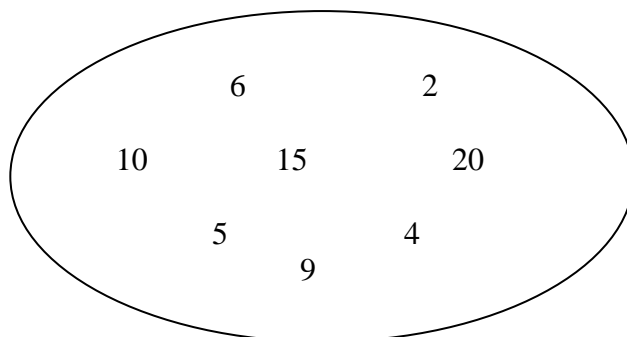a) The coordinates of A are (_____ , _____).

b) Plot the following points:

   B (3 , 1) C (3 , 5) D (1 , 5)

c) Join ABCD.

d) What **shape** is formed? _____
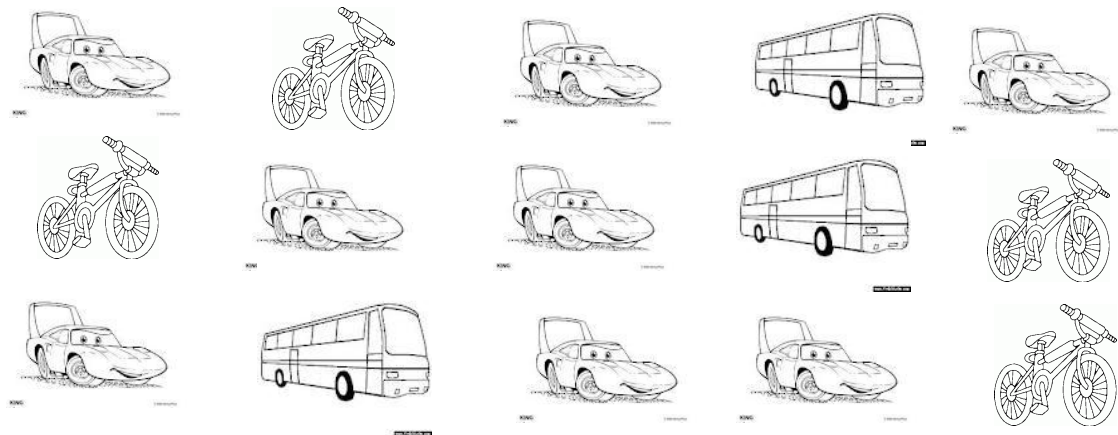   (square, triangle, rectangle, circle)

(7 marks)

16. Choose all the **factors** of 20 from the following:
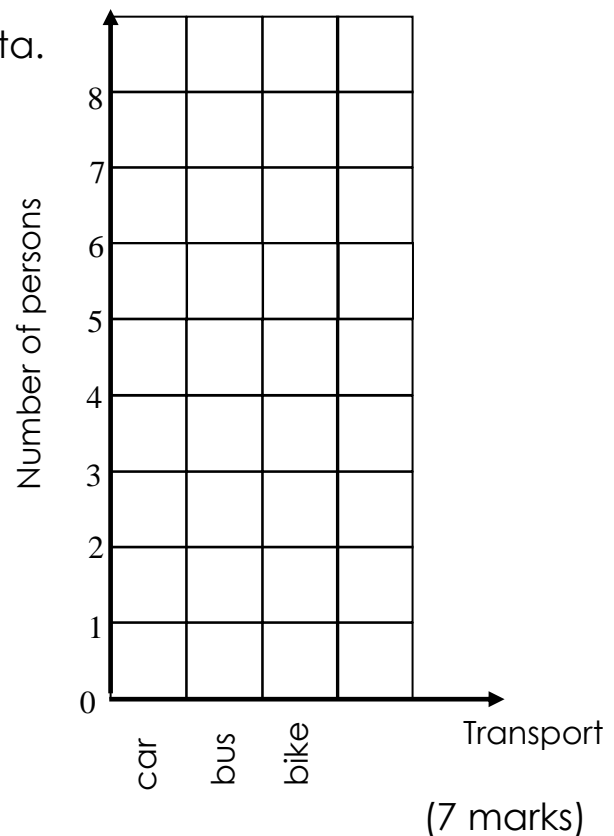

Answer: _____ _____ _____ _____ _____

(5 marks)

17. The following shows different transport used by 15 persons.

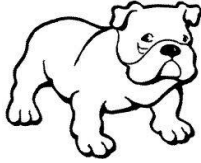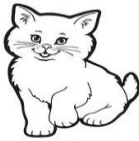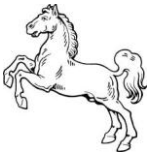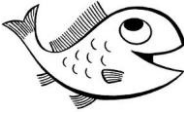a) Fill in the frequency table:

Transport	Tally	Frequency
Car		
Bus		
Bike		
Total		

b) Draw a bar chart for this data.

(7 marks)

18. Above and Below

Fill in the **name** of the animal which is:

a) **below** the horse   _____

b) **above** the turtle   _____

c) **above** the horse   _____

d) **below** the turtle   _____

(4 marks)