1. Add: 23 + 45
2. Write XIV in Hindu Arabic numerals.
3. Find the next number in the sequence;

1, 2, 4, 7, 11, \_\_\_\_

1. Solve: d + 5=10
2. How many lines of folding symmetry does the figure below had?
3. Subtract: -
4. Given that P=2 and q=3, work out the value of P +2q
5. Write “one thousand twenty in figures.
6. In the diagram; shade

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Find the average of 2, 6, 4, 5 and 3.
2. A mathematics lesson started at 8:40am and ended at 11:10am. How long did the lesson take?
3. Which region has been shaded in the Venn diagram below;

P Q

1. There are 24 bottles in a crate. How many bottles make 3 crates?
2. Work out the value of 4 tens + 6 hundreds.
3. Write down all factors of 8.
4. What number has been expanded below?

5x103) + (4x101) + (6x100)

1. What number is represented by the tally marks below;
2. A pen costs shs. 1000, what is the cost of 5 similar pens?
3. Kibenge bought 8 cows from a farm. If the farm had 25 cows, how many cows were left on the farm?
4. Solve: m + m + m in short.

**SECTION B (60 MARKS)**

1. Study the Venn diagram below to answer the questions that follow;

A B

1 2 5 0

3 4 7

1. List the elements of set A.
2. Find;
3. BnA
4. A –B
5. How many members are in set BuA
6. Find n(B-A)
7. Study the table below and complete correctly.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Weeks | 1 | y | 2 | x | 4 |
| Days | 7 | 21 | 9 | 35 | m |

Find

1. y=
2. X=
3. M=
4. A)Name the figure below;

5cm

11cm

b. Work out the area of the figure

c. Find the distance around the figure.

1. Given the digits; 2, 4, 5, 6 and 9
2. Form the largest numeral using the digits above.
3. What is the smallest numeral that can be formed from the above digits?
4. Work out the difference between the smallest and largest numerals formed.
5. Use <, > or = to complete the following statements;
6. 0.06 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 0.6
7. 2 x3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3 + 2
8. 4 weeks \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_28 days
9. 60 minutes \_\_\_\_\_\_\_\_\_\_\_\_\_ 2 hours
10. The figure below shows a circle with its centre O.

P

4cm R

Q

1. Name the lines labeled
2. OR is \_\_\_\_\_\_\_
3. PQ is \_\_\_\_\_\_\_\_
4. How long is the diameter of the circle?
5. A parent went to the shop and bought the following items;

3 books at shs. 1000 each

2 kg of sugar at shs. 2200 per kg

2 bars of soap at sh. 2000 per bar

1. Work out and complete the table correctly

|  |  |  |
| --- | --- | --- |
| Books | Sugar | Soap |
|  |  |  |

1. Find the total expenditure.
2. Find the change if the parent had shs. 20,000/=
3. In a basket of 370 apples, 270 are green and the rest are red.
4. How many red apples are in the basket?
5. How many more green apples are in the basket than red apples?
6. a.) Identify the place value of 3 in the number below; 43012

b.) Work out the value of each of the digits 4 and 6 in the number below;

4 2 6 0 5 values

1. Workout the sum of the values of 4 and 6.
2. Francis did of his homework on Saturday and of it on Sunday.
3. What fraction of the work did he do altogether?
4. Workout ½ of 8.
5. The graph shows the trees planted by five classes.

|  |  |
| --- | --- |
| P.7 |  |
| P.6 |  |
| P.5 |  |
| P.4 |  |
| P.3 |  |

Key: 15 trees

1. Which class planted the biggest number of trees?
2. How many trees were planted by P.6 class?
3. Find the total number of trees planted in the school.
4. Study the map below and use it to answer the questions that follow;

**Katwe factory** 5km

4km **Mosque**

2km

**Clinic** 3km **Trading centre**

1. How far is the trading centre from the Mosque?
2. Hamza moved from the trading centre to the mosque then to the factory. What distance did he cover?
3. How many kilometres would one cover to move from the mosque to the factory and the factory and then back to the mosque?

**\*\*\*END\*\*\***