SUCCESS INTEGRATED PRIMARY SCHOOL

Pre-Mock Examination (Set 3), 2020

Mathematics

Time: 2 hours 30 minutes

INDEX NUMBER									

NAME: _____

Signature: _____

School: _____

District _____

FOR EXAMINER'S USE ONLY

A	
B	
TOTAL	

Read the following instructions carefully:

1. **This paper is made up of section A and B.**
2. **Section A has 20 short answer questions (40 marks).**
3. **Section B has 12 questions (60 marks).**
4. **All answers to both section A and B must be written in the spaces provided.**
5. **All answers must be written in blue ink and diagrams should be drawn in pencil.**
6. **Any handwriting that cannot easily be read will lead to loss of marks.**
7. **Unnecessary alteration of work may lead to loss of marks.**
8. **No calculators are allowed in the examination room.**

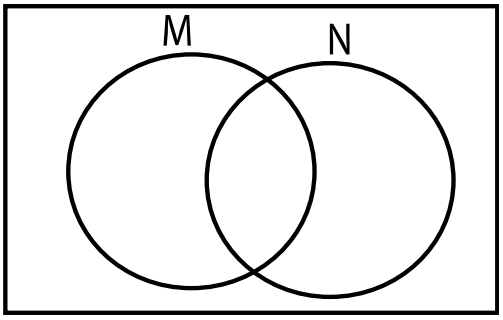
PARENT'S COMMENT	
SIGNATURE	
Date:	

SECTION A (40 MARKS)

SECTION A

Divide 24 ÷ 8

Shade (MuN)[1]



Write 69 in Roman numerals.

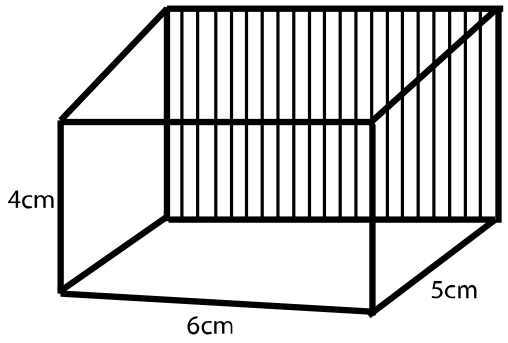
Simplify : 3p-q+p-2q.

Find the product of the two missing numbers

2, 4, 6, 8, ____, ____

Round off 4.69 to the nearest tenths.

Find the area of the shaded face.



Simplify $^{-}3-^{+}6$

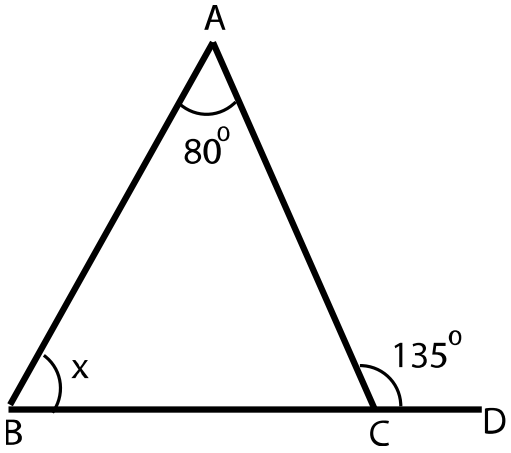
Draw accurately abearing of $210^{0.}$

A baby slept from 10:45am to 2:45pm. For how long did the baby sleep?

The median of 5 consecutive odd numbers is 7. Find the rage of the numbers.

One Us dollar costs Ugandan shillings 3600. How many dollars can one buy using Uganda shillings 540,000=

The figure below is a triangle. Calculate the size of angle x.



If a=6, b=$^{-}$8 and c=$^{-}$2.

Evaluate ac-b

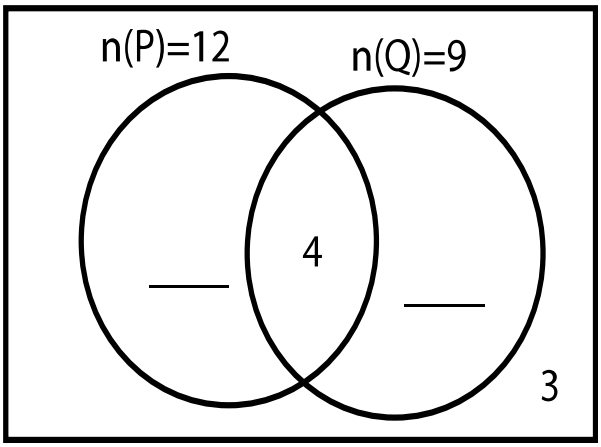
Work out: 1011_{two}

$+101_{two}$

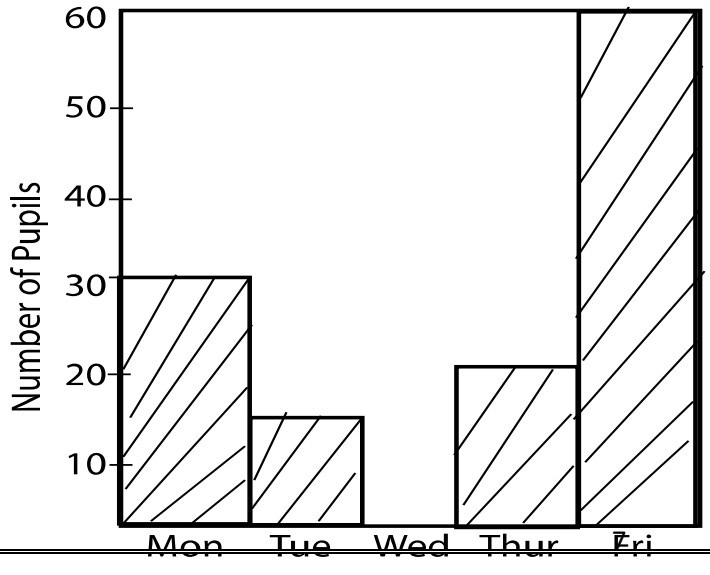
A car travelling at a speed of 90km/hr takes 2 ½ hours to cover a certain distance. Calculate the distance covered.

Simplify $½ - {}^{3}/_{4} + {}^{1}/_{3}$.

Study the venn diagram, complete it and find the number of the universal set.



12 technicians can paint a school building in 10days. How long will 15 technicians take to paint the same building.



The graph below shows the number of "absentees" in P.7 class of 60 pupils during the week.

How many pupils were absent on Tuesday?

On which day were all the pupils present?

Given the number 36,549

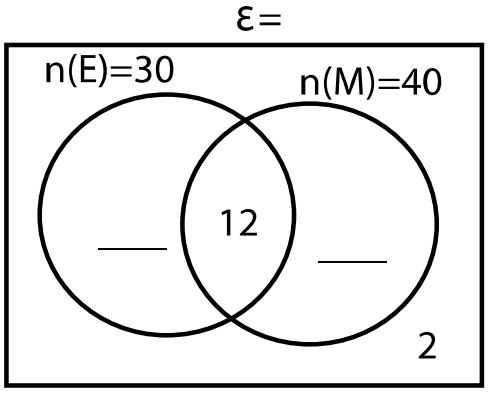
What is the place value of 6 (1mrk)

Write the number in words. (2mrks)

Find the difference of the place value of 5 and the value of 4.

(2mrks)

In a class,30pupils like English (E), 40 pupils like Mathematics (M), (M+10) Pupils like English (E) only, 12Pupils like both subjects and 2 Pupils like neither of the two subjects.



Complete the venn diagram above. (2mrks)

Find the value of m. (2mrks)

Find the probability of picking a pupil at random who likes Mathematics only. (1mrk)

Complete the table below. (4mrks)

Item	Quantity	Unit price	Amount
sugar	____kg	shs 4000=	shs2,000=
rice	1 ½ kg	_____	shs 4,800=
tea leaves	250g	shs6000a kg	_____

b) If he was given a discount of shs 300= find how much he paid.

(1mrk)

Jowelia is 6 years younger than her brother Timoth.In 4years time their total age will be 22 years.

How old is Jowelia now? (3mrks)

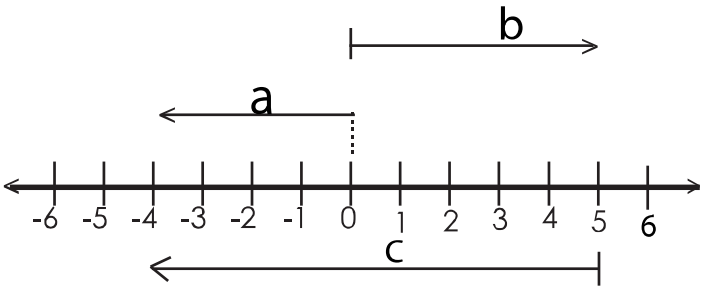
How old will Timoth be after 4 years? (2mrks)

a) Using a ruler, pencil and a pair of compasses only. Construct a triangle ABC in which line AB=8cm, angle BAC=75^0 and angle ABC=30^0. Drop a perpendicular line from point C to meet AB at w.

(5mrks)

Measure WB. (1mrk)

Study the number line below.



What is the integer represented by arrows. (3mrks)

a

b

c

Write a mathematical statement. (1mrk)

Timoth ate ½ of sweets he had. He gave ¾ of what he ate to his friend John and he remained with 3 sweets. How many sweets did they all share? (5mrks)

A rectangular containers measuring 30cm by 25cm by 20cm is $^1/_3$ full of water. Water is poured into the tank at arate of 4 litres per minute. How long does it take to fill the tank completely? (5mrks)

The interior angle of a regular polygon is 108^0.

Find the exterior angle. (2mrks)

Name the polygon. (2mrk)

Find the number of triangles that can be formed from the polygon.

(1mrk)

Change 150minutes to hours. (2mrks)

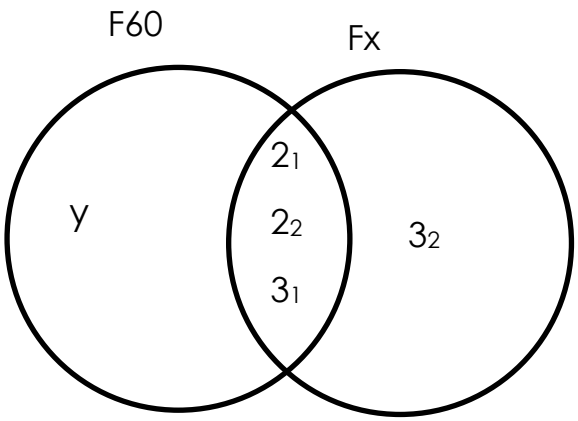
Change 72km/hr to M/s. (2mrks)

c) Add: Hrs Min

3 45

+ 1 25 (1mrk)

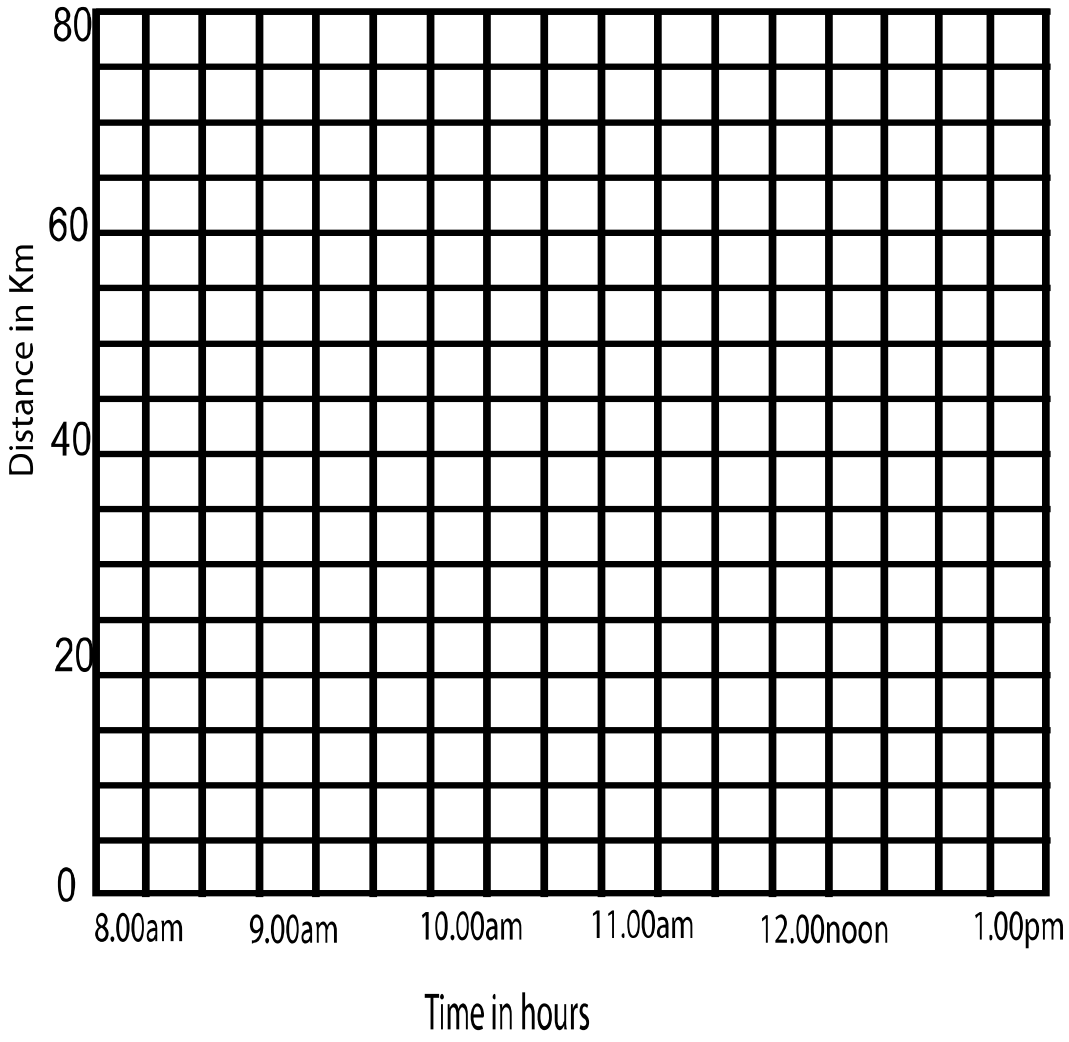
Given the prime factors of 60 and x in the venn diagram below.



Find the value of y. (2mrks)

Find the value of x. (1mrk)

Find the quotient of L.C.M and G.C.F. (2mrks)

A motorist left town A at 8:00a.m and drove at 40km/hr for 2 hours to town B. he rested for 20 Minutes at town B. he drove back and after covering 30km in 40minutes he had a puncture which took him 20 minutes to repair. He then continued his journey arriving at town A at 12:00 noon. Show the motorists journey on the graph below.

(5mrks)