

SUCCESS INTEGRATED PRIMARY SCHOOL

Pre-Mock Examination (Set 3), 2020

Mathematics

Time: 2 hours 30 minutes

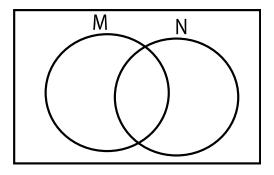
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INDEX NUM	1BER										
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District										A	
<u>Re</u> a	nd the fo	llowing	instruc	tions ca	refully:					В	
1. This	s paper i	s made	up of s	ection A	and B.				Т	OTAL	
2. Sec	tion A h	as 20 sh	ort ans	wer qu	estions ((40 marl	ks).				
3. Sec	Section B has 12 questions (60 marks).										
4. All	answers	to both	sectio	n A and	B must	be writ	ten in th	ne space	es prov	ided.	
5. All	5. All answers must be written in blue ink and diagrams should be drawn in pencil.										
6. Any	/ handw	riting th	nat canr	not easi	ly be rea	ad will le	ead to lo	oss of m	narks.		
7. Unr	necessar	y altera	tion of	work m	ay lead	to loss	of mark	s.			
	AREN				examina	ation ro	om.				
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SECTION A (40 MARKS)

SECTION A

Divide 24 ÷ 8

Shade (MuN)¹



Write 69 in Roman numerals.

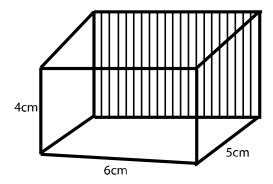
Simplify: 3p-q+p-2q.

Find the product of the two missing numbers

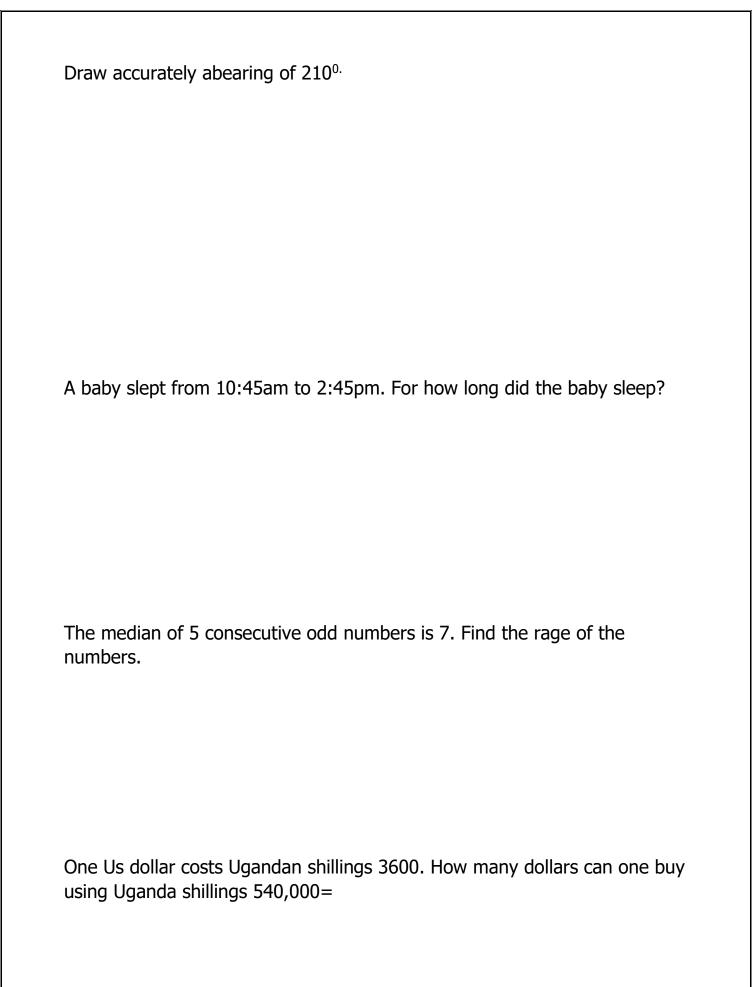
2, 4, 6, 8, ____, ____

Round off 4.69 to the nearest tenths.

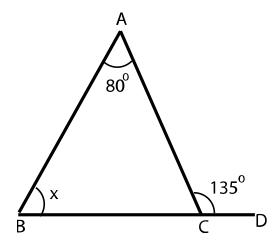
Find the area of the shaded face.



Simplify -3-+6



The figure below is a triangle. Calculate the size of angle \boldsymbol{x} .



If a=6, b=8 and c=2.

Evaluate ac-b

Work out:

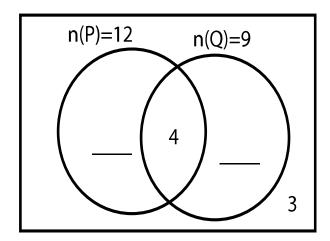
$$1011_{\mathsf{two}}$$

$$+101 two$$

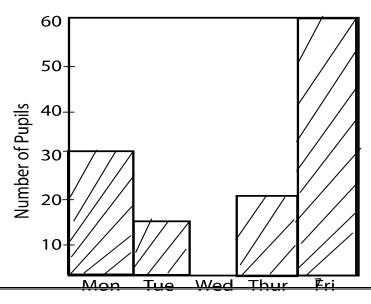
A car travelling at a speed of 90km/hr takes 2 ½ hours to cover a certain distance. Calculate the distance covered.

Simplify $\frac{1}{2} - \frac{3}{4} + \frac{1}{3}$.

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

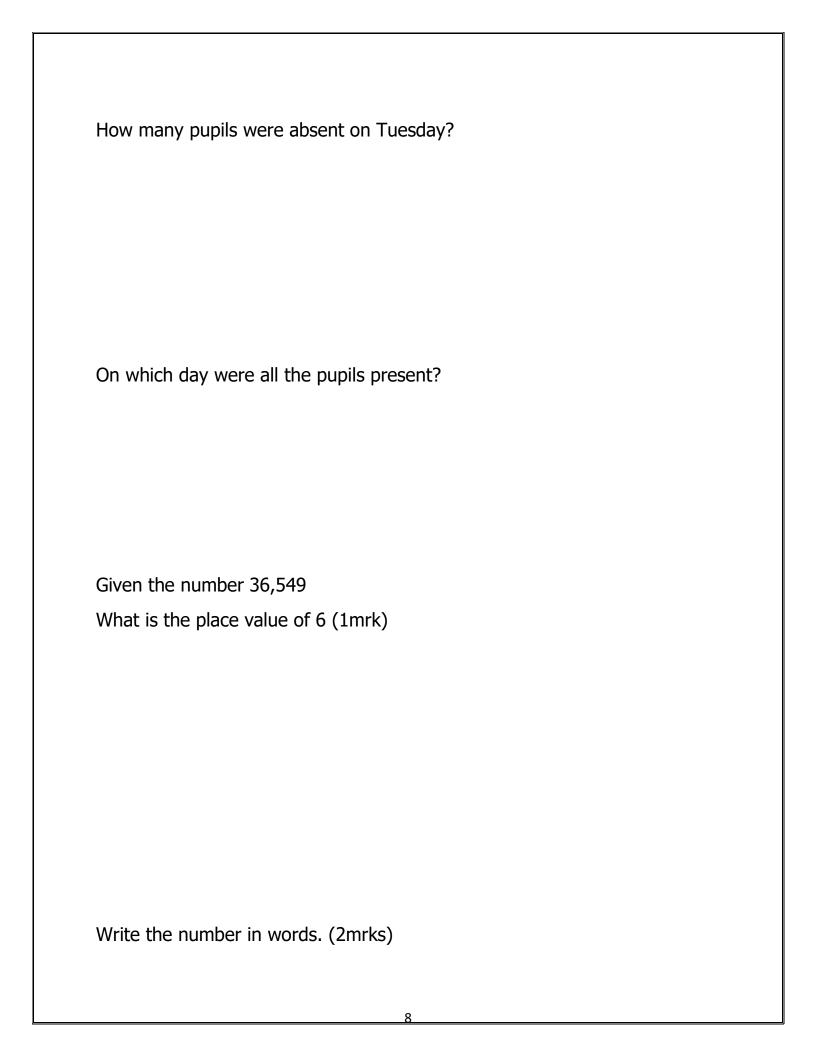


12 technicians can paint a school building in 10days. How long will 15 technicians take to paint the same building.



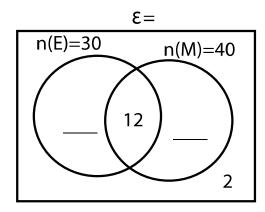
The graph below shows the number of "absentees" in P.7 class of 60 pupils during the week.

Days of the week



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)

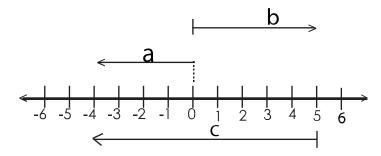
Item	Quantity	Unit price	Amount
sugar	kg	shs 4000=	shs2,000=
rice	1 ½ kg		shs 4,800=
tea leaves	250g	shs6000a kg	

b) If he was given a discount of shs 300= (1mrk)	= find how much he paid.
Jowelia is 6 years younger than her broth total age will be 22 years. How old is Jowelia now? (3mrks)	ner Timoth.In 4years time their
How old will Timoth be after 4 years?	(2mrks)
a) Using a ruler, pencil and a pair of com ABC in which line AB=8cm, angle BAC=7 perpendicular line from point C to meet A (5mrks)	5° and angle ABC=30°. Drop a

Measure WB.

(1mrk)

Study the number line below.



What is the integer represented by arrows.

(3mrks)

а

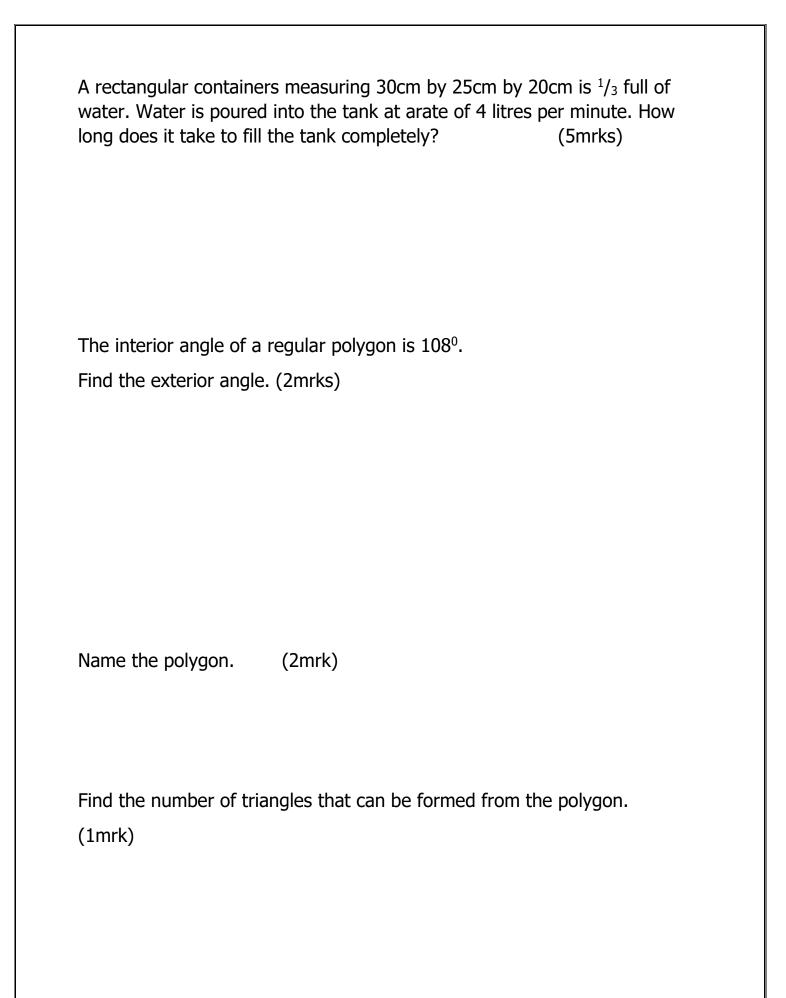
b

С

Write a mathematical statement.

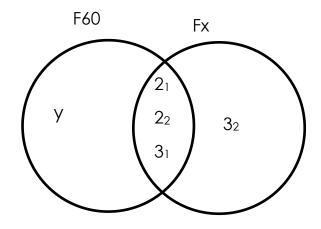
(1mrk)

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)



Change 150mii	nutes to hours.	(2mrks)		
Change 72km/	nr to M/s. (2m	rks)		
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)
16	

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)

