DAWN PRIME ACADEMY SCHOOLS

PRIMARY SIX MATHEMATICS TEST ON FRACTIONS

Time allowed: 2 hours 30 minutes

Pupil's name:	Stream:	

	SECTION A (20 C	Ques	tions, 40 Marks)
1.	Add: $\frac{4}{9} + \frac{3}{9}$	2.	Write 40.04 in words with out using "point".
3.	Express 5% as an improper fraction.	4.	How many quarters are in 3 wholes?
5.	Round off 62.317 to the nearest tenths.	6.	Decrease sh. 80,000 in the ratio of 3:5
7.	Shade 20% of the figure below.	8.	What is the square root of 21/4?

9.	Work out: 11.7 + 9.42	10.	Find the value of y if $\frac{y}{5} = \frac{24}{30}$
11.	Using the distributive property.	12.	In a school, there are 40% boys and the rest are girls, find the fraction of girls in the school.
13.	Using >, < or = to compare. 3/3 of 90kg 75% of 60kg	14.	If % of a number is 80, find the number.
15.	Work out: $\frac{3}{4} \div \frac{1}{8}$ using LCM.	16.	Find the next two fractions equivalent to $\frac{4}{7}$

17.	Write 20 minutes as a fraction of an hour.	18.	Use repeated subtraction to work out: 1.8 ÷ 0.6
19.	There are 48 men and 60 women in a meeting. Find the ratio of men to women.	20.	In a school, the number of pupils was 500 last year. This year, it has increased by 8%. How many pupils are in the school this year?

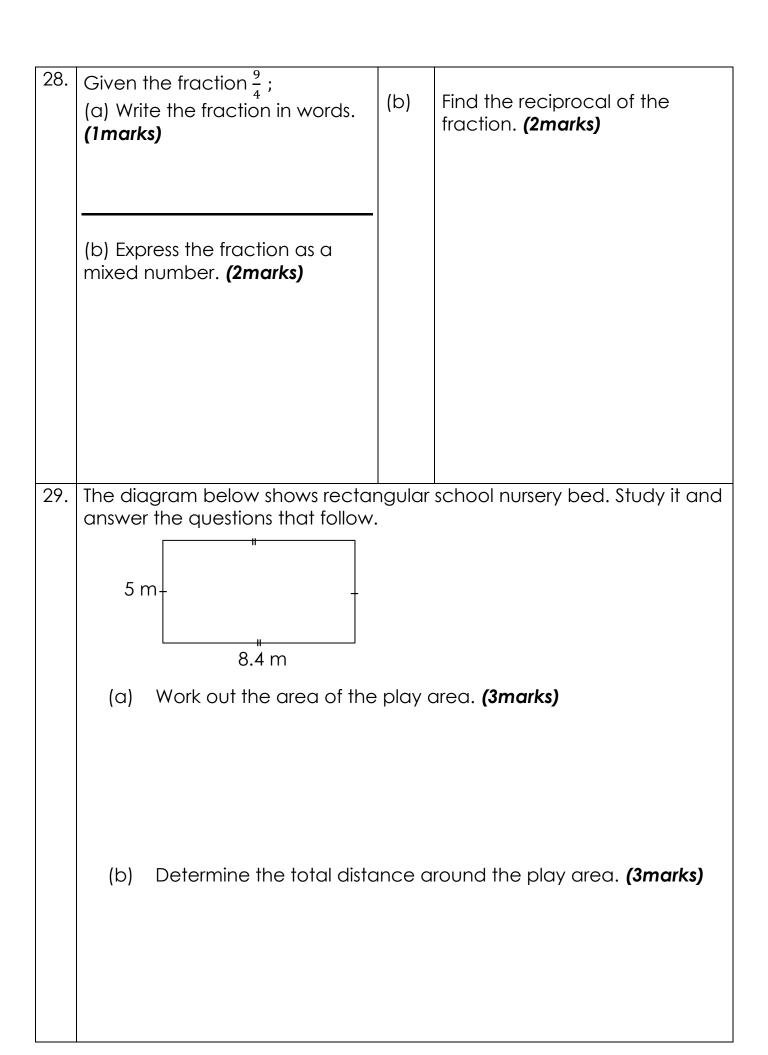
SECTION B (12 Questions, 60 Marks)

- 21. Mrs. Okoboi bought 2 dozens of pens and shared them among her children, Akello, Opio and Akengo in the ratio of 1:5:2 respectively.
 - (a) How many pens did each child get? (4marks)

(b) Write Akengo's number of pens as a percentage of the total number of pens. (2marks)

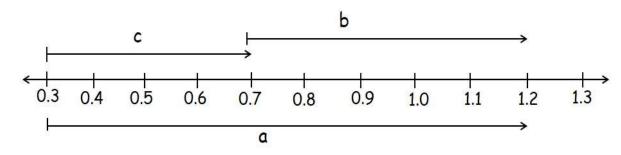
22.	(a) Simplify: $\frac{5}{6} - \frac{1}{4} of \ 1\frac{1}{3}$ (3marks)	(b)	Work out: $\frac{0.12 \times 0.3}{0.006}$ (3marks)
23.	A bus carries 180 passengers in 3 (a) How many trips does it make (b) If each passenger pays sh.3,0 conductor collect per trip? (3mc	to car	
24.	(a) Express $\frac{2}{5}$ as a decimal. (2marks)	(b)	Write 0.333 as a common fraction in the simplest form. (3marks)

25.	In a school of 300 pupils, ½ of the pupils like chicken, ¼ like fish and the			
	rest like meat. (a) What is the fraction for those who like meat ? (2marks)			
	(b) Find the difference between			
	and the number of pupils who lik	e mec	it. (3marks)	
26.	Re-arrange 0.075, 7.5 and $\frac{3}{4}$ in de	escen	ding order. (4marks)	
	4		5 1 1 1 1	
27.	12 men can slash the school compound in 5 hours.			
(a)	How may men can slash the	(b)	Find how long it will take 15	
	Same compound in 6 hour? (2marks)		men to slash the compound. (2marks)	



30.	Mrs. Kakerewe had 12 kg of soya. She packed it in 1½ kg packets and
	sold each packet at sh. 5000. How much money did she get? (4marks)

31. Study the number line below and answer the questions that follow.



(i) Write the value of each arrow.

(ii) Write the Mathematical statement shown on the number line above. *(2marks)*

32. A farmer deposited sh.400,000 in a bank that offers a simple interest of 5% per year.

- (a) How much interest did the farmer get after a period of 2 years? (3marks)
- (b) Calculate the total amount of money on his account after the period of 2 years. (2marks)