

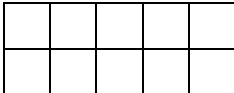
DAWN PRIME ACADEMY SCHOOLS

PRIMARY SIX MATHEMATICS TEST ON FRACTIONS

Time allowed: 2 hours 30 minutes

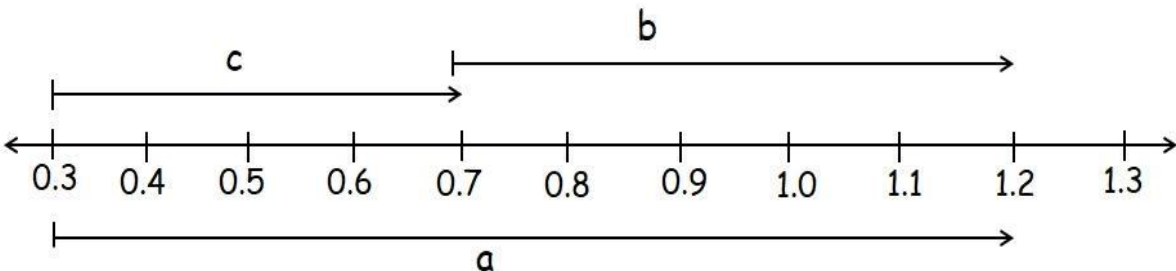
Pupil's name: _____ Stream: _____

SECTION A (20 Questions, 40 Marks)

1.	Add: $\frac{4}{9} + \frac{3}{9}$	2.	Write 40.04 in words with out using "point".
3.	Express $5\frac{2}{3}$ 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 $2\frac{1}{4}$?

9.	Work out: $11.7 + 9.42$	10.	Find the value of y if $\frac{y}{5} = \frac{24}{30}$
11.	Work out $\left(\frac{5}{6} \times 53\right) - \left(\frac{5}{6} \times 41\right)$ 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. $\frac{2}{3}$ of 90kg _____ 75% of 60kg	14.	If $\frac{4}{5}$ 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 $\frac{4}{7}$

28.	<p>Given the fraction $\frac{9}{4}$;</p> <p>(a) Write the fraction in words. (1marks)</p> <hr/> <p>(b) Express the fraction as a mixed number. (2marks)</p>	(b)	Find the reciprocal of the fraction. (2marks)
29.	<p>The diagram below shows rectangular school nursery bed. Study it and answer the questions that follow.</p> <div data-bbox="271 1070 742 1332" data-label="Diagram"> </div> <p>(a) Work out the area of the play area. (3marks)</p> <p>(b) Determine the total distance around the play area. (3marks)</p>		

30.	Mrs. Kakerewe had 12 kg of soya. She packed it in $1\frac{1}{2}$ kg packets and sold each packet at sh. 5000. How much money did she get? (4marks)
31.	<p>Study the number line below and answer the questions that follow.</p>  <p>(i) Write the value of each arrow.</p> <p>a = _____ b = _____ c = _____ (1mark @)</p> <p>(ii) Write the Mathematical statement shown on the number line above. (2marks)</p>
32.	A farmer deposited sh.400,000 in a bank that offers a simple interest of 5% per year.
	<p>(a) How much interest did the farmer get after a period of 2 years? (3marks)</p> <p>(b) Calculate the total amount of money on his account after the period of 2 years. (2marks)</p>