



RAPHA EXAMINATIONS BOARD

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PRIMARY FIVE EXAMINATIONS 2024 (SET 8)

MATHEMATICS

Time allowed: 2 hours 30 minutes

Pupil's name:

Signature: **Date**

School name:

District:


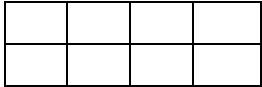
READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections **A** and **B**
2. All the working in both sections **A** and **B** should be shown in the spaces provided
3. All working must be done using blue or black ball point pen or fountain pen.
Diagrams **MUST** be drawn in pencil
4. Unnecessary changes of work may lead to loss of marks
5. Any handwriting that cannot be easily read may lead to loss of marks
6. Do not fill in anything indicated for *examiners use only* and those inside the paper

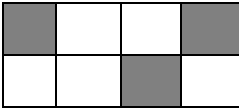

For examiner's use only

SECTION	MARKS	INITIALS
SECTION A		
SECTION B		
TOTAL		

SECTION A (40 MARKS)

1.	Workout: $\frac{3}{7} + \frac{2}{7}$	2.	Find the next two equivalent fractions of $\frac{3}{4}$
3.	Change $3\frac{3}{11}$ to an improper fraction.	4.	Write $\frac{8}{9}$ in words —
5.	Find the missing number in the box $\frac{4}{5} = \frac{\quad}{20}$ — —	6.	Convert $\frac{50}{7}$ to a mixed fraction. —
7.	Reduce $\frac{30}{48}$ to its lowest form. —	8.	Workout $\frac{3}{8}$ of 40 mangoes. —
9.	What fraction is shaded? 	10.	Use >, < or = to complete this following statement. $\frac{3}{4}$ $\frac{1}{2}$ _____
11.	Workout $27 \div \frac{9}{11}$ —	12.	How many half litres of milk can be got from 12 litres of milk?
13.	On the diagram below shaded $\frac{3}{4}$  —	14.	Workout $1\frac{2}{3} \times 1\frac{1}{4}$ — —
15.	Write nine thirteenth in figures	16.	Workout: $\frac{8}{11} + \frac{3}{11}$ — —

17.	Work out : $\frac{8}{7} + 1\frac{1}{3}$	18.	Workout: $\frac{11}{7} - \frac{2}{7} + \frac{5}{7}$
19.	Workout: $1 - \frac{8}{11}$	20.	Convert $\frac{4}{5}$ to a decimal fraction.
21.	<p>a) Arrange $\frac{1}{7}$, $\frac{1}{3}$ and $\frac{1}{6}$ in descending order. (3 marks)</p> <p>b) Arrange $\frac{8}{9}$, $\frac{2}{3}$, $\frac{1}{2}$ in ascending order. (3 marks)</p>	22.	<p>a) Workout: $\frac{5}{7} + \frac{1}{2}$ (2 marks)</p> <p>b) Simplify: $3\frac{2}{3} + 4\frac{1}{3}$ (3 marks)</p>
23.	<p>Use <, > or = to complete the following. (2 marks each)</p> <p>i) $\frac{4}{5}$ _____ $\frac{3}{7}$</p> <p>ii) $\frac{1}{2}$ _____ $\frac{5}{6}$</p> <p>iii) $\frac{18}{30}$ _____ $\frac{3}{5}$</p>	24.	<p>In a class of 60 pupils, $\frac{3}{5}$ are boys and the rest are girls.</p> <p>a) Find the fraction of girls. (1 mark)</p> <p>b) Find the number of boys (2 marks)</p> <p>c) Find the number of girls. (2 marks)</p>

25.	<p>a) How many a quarter packets of sugar can be got from 16kg of sugar? (2 marks)</p> <p>b) Workout: $1\frac{3}{7} \div 2\frac{1}{3}$ (3 marks)</p>		<p>26. a) What fraction is shaded? (2 marks)</p>  <p>b) Describe the unshaded fraction. (2 marks)</p>  <p>c) Write $\frac{1}{12}$ in words (1 mark)</p>
27.	<p>In a village meeting of 120 people, $\frac{7}{15}$ were men, $\frac{5}{15}$ were women and the rest were children.</p> <p>a) Find the total fraction of men and women in the meeting. (2 marks)</p> <p>b) Find the fraction of children in the meeting. (1 mark)</p> <p>c) Find the number of men in the meeting. (2 marks)</p>		<p>28. a) Workout: $\frac{9}{13} - \frac{1}{26}$ (2 marks)</p> <p>b) Workout: $1\frac{3}{7} - \frac{8}{9}$ (2 marks)</p>
29.	<p>a) Workout: $\frac{8}{9} - \frac{5}{6} + \frac{1}{2}$ (3 marks)</p> <p>b) Workout: $\frac{1}{2} + \frac{1}{3} - \frac{1}{5}$ (3 marks)</p>		<p>30. a) Convert $14\frac{2}{3}$ to an improper fraction. (2 marks)</p> <p>b) Convert $\frac{137}{9}$ to a mixed fraction. (2 marks)</p>

31.	<p>a) Workout: $5\frac{1}{4} \div 2\frac{3}{7}$ (2 marks)</p> <p>b) What is $\frac{3}{13}$ of 52 pencils? (2 marks)</p> <p>c) Write $\frac{17}{24}$ in words. (2 marks)</p>	32.	<p>Find the next 5 equivalent fractions of the following fraction.</p> <p>$\frac{3}{7}$ (5 marks)</p>
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