PRIMARY SIX MIND KEEP UP SERIE: APPLIED MATHEMATICS
Time: 1hr 15 minutes
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This paper has only one section, answer it carefully.

1. What is the median of ⅓, ⅙, ⅗ and ⅕?

2. Solve for x: $\frac{x}{2} = \frac{3}{9}$

3. A fruiterer sold 20 more mangoes on Monday than Friday. If he sold ⅖ mangoes, write the total number of mangoes sold on both days.

4. A sexton swept $\frac{3}{8}$ in 9 minutes, how long did she take to clean the whole compound.

5. Tap A can fill the tank in 5 minutes, B can take 3 minutes to fill while D can take 4 minutes to empty the tank. How long can it take to fill the tank If all taps are opened?

6. The cost of a book is ⅔ the cost of a geometrical set. The cost of two sets is sh. 12000. Find the cost of 5 books.

7. The table below shows marks scored by Some Candidates in primary. Use the it to answer the questions that follow.

Marks	75	60	75	90
Frequency	3	4	1	2

a) How many pupils did the test?

b) Find the modal frequency

c) Calculate the average marks

8. **The table below shows number of balls sold in a week. Study it carefully and answer questions that follow.**

Sunday	⊛ ⊛ ⊛ ⊛ ⊛
Monday	⊛ ⊛ ⊛ ⊛
Tuesday	⊛ ⊛
Wednesday	⊛ ⊛ ⊛
Thursday	⊛ ⊛ ⊛ ⊛
Friday	⊛ ⊛ ⊛ ⊛ ⊛ ⊛ ⊛

⊛ represents 7 balls.

a) Find the modal number of balls sold.

b) How many more balls were sold on sixth day than second day?

d) Find the average number of balls sold.

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