


PUPIL'S FULL NEIME
SUR NAME: $\qquad$

OTHER NAMES:

## REVISION OF EXTRACTED QUESTIONS EROM PRIIIARY LEAVING EXAIVINAMION 2007 MATHEIVIATICS

Duration: 2 hours




| 25 | Write the next two numbers in the sequence below: (2 marks) $2,4,12,48$ $\qquad$ $\qquad$ | 26 | A car travels 35 km on 2.5 litres of petrol. How much does it cost to travel 280 km if the cost of 1 litre of petrol is 600frw? (3 marks) |
| :---: | :---: | :---: | :---: |
| 27 | How many revolutions does a bicycle wheel of 70 cm diameter make to cover a distance of 8.8 km ? ( $\pi=\frac{22}{7}$ ) ( 3 marks) | 28 | Calculate the area of the figure bewo marks) |
| 29 | The cost of 3 kg of potatoes and 4 kg of beans is 840 frw . The cost of 1 kg of beans is 70 frw more than the cost of 1 kg of potatoes. Find the cost of 1 kg of beans. (3 marks) | 30 | The simple interest on a capital of 800000 frw after 3 months is 12000 frw. Find the interest rate per year. (3 marks) |

31 The diagonals of a rhombus are 10 cm and 24 cm .
(a). Calculate the area of the rhombus. (3 marks)
(b). Calculate the perimeter of the rhombus. (4 marks)

Simplify completely:
$\frac{\frac{1}{5} \times\left(6 \frac{3}{4}-4.75\right) \times\left(3.875-2 \frac{3}{8}\right)}{(1.5 \times 1.5) \div 2 \frac{1}{2}}$
(7 marks)

33 David sold cars with a total value of 90000000 fry for the importer. He received a $10 \%$ commission on the first 50000000 frw and $3 \%$ on the rest. How much money does the importer receive if he pays a tax of $5 \%$ ?

34 (a). Solve: $\frac{2 x-4}{x}-\frac{6 x+2}{2 x}=0$ if $x$ is not equal to 0.
(b). The product of a number with fover is equal to the sum of that number with 6 . Find that number.

The pie chart below shows different ages of pupils in a certain primary school.

(a). If 10 students have 11 years each, how many pupils are represented in the pie chart?
(b). How many pupils are;
(i). 12 years old? (ii). 13 years cld?
(iii). 14 years old?
(iv). 15 years old? (v). 16 years old?

In the figure below, find the measure of unknown angles marked with letters. ( 7 marks)

The graph below shows a journey of a person who visited a friend in another village.

(a). How far did the person travel after 15 minutes?
(b). At what time did the person turn back towards his home?
(c). What distance does the person travel towards his home after turning hack?
(d). How far was the person from his home 1 hour after starting the journey?
(e). Find the average speed for the whole journey

