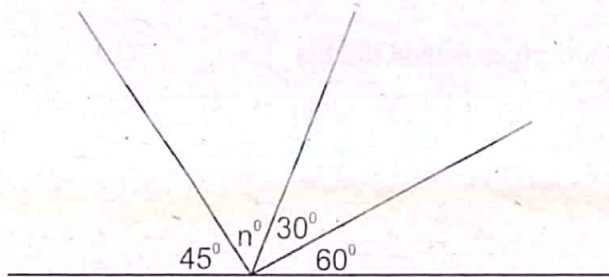


5. A $\frac{1}{6}$ of learners in a grade 7 class wear glasses. $\frac{1}{3}$ of the learners who wear glasses are girls. What fraction represents the girls who wear glasses? (2mks)

6. Bidii Junior Secondary school has 1235 learners. During the World Environmental Day, each learner planted 17 trees in their school compound. How many trees did the learners plant in total? (2mks)

7. Calculate the size of the angle marked with letter n in the figure below. (2mks)



8. Mueni exercises after every 10 days and John after every 4 days. If they exercised together today, after how many days will they exercise together again? (2mks)

9. Work out: $\frac{13}{18} \div 4\frac{1}{3}$ (2mks)

10. Solve the following linear equation to find the value of x (2mks)

$$9x + 10 - 6x + 3 = 16$$

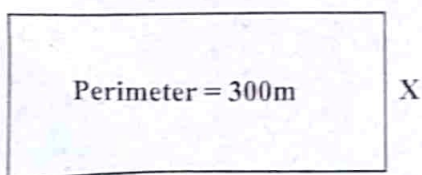
11. There are 24450 youths in a certain subcounty. Which is the least digit that can be added to the number of the youths to make it divisible by 11? (2mks)

12. What is the square root of 784? Use prime factorization method (2mks)

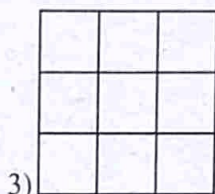
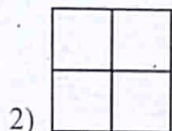
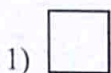
13. The table below was used by a grade 7 teacher while teaching on prime numbers between 35 and 60. Study the table, fill the missing prime numbers and find the sum (2mks)

Prime							Total
Number	37	41	_____	47	_____	59	_____

14. The length of the rectangular piece of land shown below is 30m more than the width. Given that the perimeter of the land is 300m, and the width is x m
Form an equation to represent the information. Do not solve the equation. (2mks)



15. Learners in grade 7 were making patterns using squares. Continue the pattern by drawing the fourth shape. (2mks)



4) _____

16. Find the Greatest Common Divisor of; 20, 30 and 50 (2mks)

17. Arrange the fractions given below in ascending order. (2mks)

$\frac{1}{6}, \frac{2}{3}, \frac{3}{4}, \frac{1}{12}, \frac{4}{5}$ _____

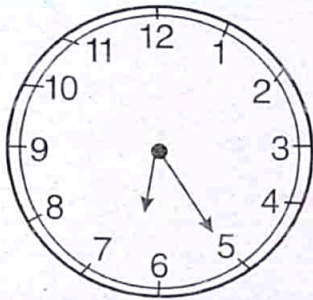
18. The mass of a young buffalo was measured to be 198.96kg. After two years its mass increased by 78.65kg. What was its mass after the two years? (2mks)

19. Muendi bought a Television for sh35 000. She later sold it and made a profit of sh12 000. At what price did she sell the television? (2mks)

20. Construct line DC parallel to line AB drawn below (2mks)



21. One morning a grade 6 learner woke up at the time shown below:
What time was it? Write your answer in am/pm system and in digital form. (2mks)



22. Find the missing numbers in the sequence below. (2mks)
50, 47, 44, 41, _____, 35, _____