

# MONITORING LEARNER'S PROGRESS

## GRADE 6 TERM 1 YEAR 2022

### MATHEMATICS ACTIVITIES

Name: .....County Name.....

Learner's Number:

Gender:      Boy                   Girl

County Name..... County code

Sub - county Name..... Sub-county code

School Name..... School code

#### ASSESSMENT RUBRICS

Exceeds Expectation 4	Meets Expectation 3	Approaching Expectation 2	Below Expectation 1

<b>TOTAL MARKS SCORED</b>	
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1. Express  $14\frac{1}{84}$  in the simplest form.

\_\_\_\_\_

2. Write in words 90038. \_\_\_\_\_

3. What is the total value of digit 8 in 148256?

\_\_\_\_\_

4. Work out: 49907

+ 93452

\_\_\_\_\_

5. 90000

-12504

\_\_\_\_\_

6. What is  $3787 \times 29 =$  \_\_\_\_\_

7. Convert  $14\frac{2}{5}$  into improper fraction.

\_\_\_\_\_

8. Add  $0.7 + 13.142 + 5.008 + 123 =$

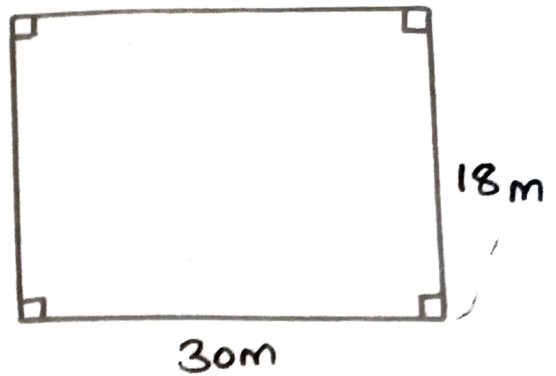
\_\_\_\_\_

9. What is the L.C.M of 12, 15 and 30?

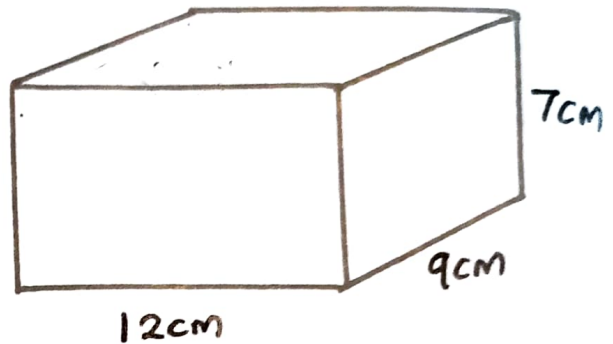
\_\_\_\_\_

10. What is the sum of all prime numbers between 10 and 20? \_\_\_\_\_

11. Calculate the area of the rectangle.



12. Find the volume of the cuboid.



13. Divide:  $12 \overline{) 64 \text{ km } 800 \text{ m}}$

14. Complete the pattern:-

189, 182, 175, \_\_\_\_\_

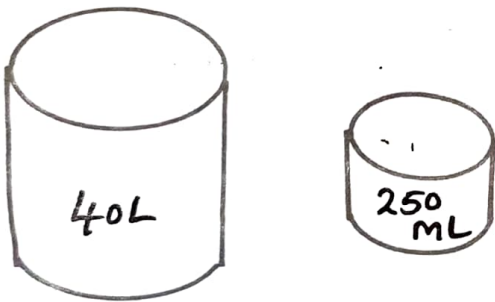
15. A parking lot has six vehicles. Each vehicle is charged sh 205 per day. How much is collected from the parking per day?

\_\_\_\_\_

16. Add:  $\frac{3}{6} + \frac{4}{12} =$  \_\_\_\_\_

$\frac{1}{5} + \frac{3}{10} =$  \_\_\_\_\_

18. Bwire and Odhiambo contributed to buy a piece of land. Bwire gave  $\frac{1}{8}$  and Odhiambo gave  $\frac{3}{4}$ . What fraction of the money did they contributed altogether? \_\_\_\_\_
19. Work out  $84.99 - 12.785 =$  \_\_\_\_\_
20. Convert 52000 m into km. \_\_\_\_\_
21. What is the area of a square whose side is 68 cm? \_\_\_\_\_
22. One side of a square tile is 20 cm. Work out the area of such 5 tiles? \_\_\_\_\_
23. How many small containers can fill the larger container? \_\_\_\_\_



**Complete the table below.**

	Length cm	Width cm	Height cm	Volume cm <sup>3</sup>
24.	9	7	12	_____
25.	10	9	11	_____
26.	15	11	12	_____
27.	6	4	3	_____

28. What is 400 litres 200 ml multiplied by 8?  
\_\_\_\_\_
29. What units can we use to measure?  
a) A newborn baby? \_\_\_\_\_  
b) a spoonful of sand \_\_\_\_\_
30. Work out the G.C.D of 6, 12 and 24,  
\_\_\_\_\_
31. Round off 70998 to the nearest 1000.  
\_\_\_\_\_
32. Which of these numbers is divisible by 2, 5 and 10? 122, 255, 574, 1000  
\_\_\_\_\_
33. Write down the first three common multiples of 3 and 6?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
34. Which is the smallest number that can be divided by 15 and 20 without a remainder?  
\_\_\_\_\_
35. Write the missing multiples  
8, 16, 24, 32, \_\_\_\_\_, \_\_\_\_\_, 56.

36. Arrange the numbers in descending order:  
3934, 4904, 2943, 1897, 9836

\_\_\_\_\_

37. What is the greatest mass that can measured equally form 150 kg and 100 kg without a remainder? \_\_\_\_\_

38. Arrange the fractions in increasing order:

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

39. Subtract:  $\frac{7}{9} - \frac{2}{3} =$  \_\_\_\_\_

40.  $\frac{2}{3} - \frac{4}{9} =$  \_\_\_\_\_

41. What is the place value of digit 5 in 29.645?

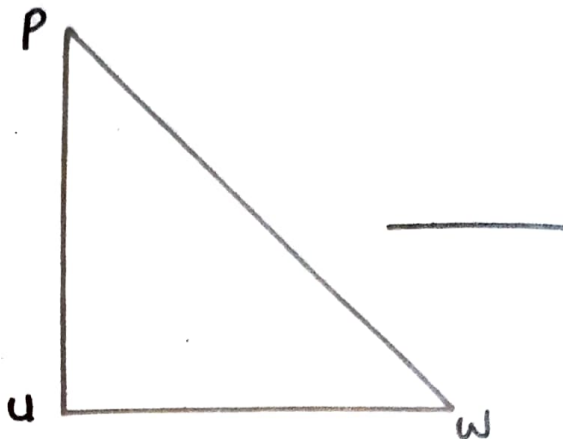
\_\_\_\_\_

42. A plumber earned sh 6000 in a week. He received a pay of sh 4750. How much tax did he pay? \_\_\_\_\_

43. Choose an item where you can spend your savings. An orange or a packet of biscuits?

\_\_\_\_\_

44. Identify a vertical line in the shape below.



45. Degrees are measured using a \_\_\_\_\_

46. Draw a pyramid.

47. Name a 2 - D shape found in a cuboid.

\_\_\_\_\_

48. Solve the equations.

$a + 7 = 20$

50.  $f - 65 = 30$