MINISTRY OF EDUCATION

LITERACY AND NUMERACY ASSESSMENT (LANA) - 2023

YEAR 5 NUMERACY

(Time Allowed: 60 minutes)

(An extra 10 minutes is allowed for reading this paper.)

INSTRUCTIONS

1. There are 40 questions in this Assessment. Answer all the questions.
2. **For multiple choice questions, only circle the best answer of your choice.**
3. **Write your answers in the space provided in this paper.**
4. Do not write in the column, **Scorer Use Only.**
5. Show all working where necessary.
6. Use either pencil or blue/black ink only.

TO BE COMPLETED BY THE STUDENT. Please write your details below.

Surname: _____Other Name(s): _____

School Name: _____

Student ID: _____

Your supervisor can help you with these instructions but will NOT help you answer the questions.

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NUMBER and NUMERATION

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Circle the best answer.



1. Which of the following number is not a prime factor of 30?

A. 2 B. 3

C. 5 D. 6

2. Set X = {2, 4, 6, 8, 10} and Set Y = {1, 3, 5, 7, 9, 11}

What is X ∩ Y?

A. { } B. {2, 4, 6, 8, 10}

C. {1, 3, 5, 7, 9, 11} D. {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11}

3. If 1, 535 students of Peter's High School collected 5 bottles each, then the sum of bottles collected is

A. 7, 675 B. 3, 070

C. 1, 540 D. 1, 530

4. Out of 18, 797 children in a district in a year, 6, 989 do not attend school. How many children attended school?

A. 25, 786 B. 25, 688

C. 11, 880 D. 11, 808

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5. 243 + 654 =

Write your answer on the line.



Answer:_____

6. 2.50 × 0.6 =

Circle the best answer.



A. 150 B. 15

C. 1.50 D. 0.15

7. Work out $\frac{1}{5}$ of 25

Write your answer on the line.



Answer:_____

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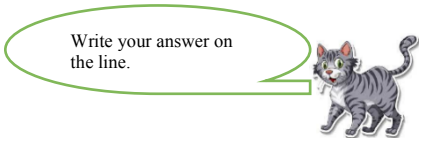
8. $\frac{9}{15} - \frac{2}{15} =$



Answer:_____

9. Arrange these fractions in descending order.

$\frac{2}{5}$, $\frac{1}{2}$, $\frac{3}{10}$, $\frac{8}{10}$, $\frac{9}{10}$

Answer : _____ , _____ , _____ , _____, _____.

10. Arrange the given decimal numbers in ascending order.

4.3, 8.8, 6.1, 2.2, 3.8

Answer : _____ , _____ , _____ , _____, _____.

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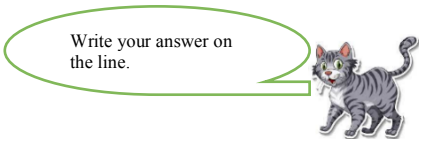
11. Sunia had $10.00. He bought pencils for $2.00. What fraction of money was used by Sunia?



Answer: _____

12. A carton had 100 Easter eggs. Mr. Colati took 25% of the eggs for the Sunday school children. How many Easter eggs did he take?

Answer:_____eggs

13. My friend drank 2.5 litres of water and I drank 2.3 litres of water. How many litres of water did we drink altogether?

Answer:_____litres

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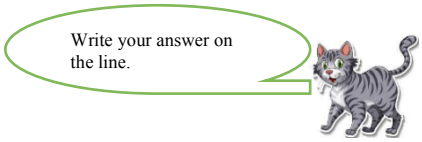
14. Mr. Lal wants to buy a TV which costs $2, 425.00. He asked for a discount. The sales person rounded off the price to the nearest 100. How much will Mr. Lal pay now?





Source: https://www.electrical-deals.co.uk

Answer:$_____

15. $\frac{6}{24}$ in its simplest form is

Answer:_____

16. Write as a decimal.

$\frac{5}{10}$

Answer:_____

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Write **T** for True or **F** For False for **Questions 17 - 18**.

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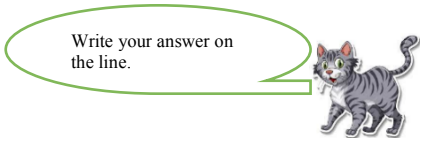
17. 2 and 5 are factors of 10.



Answer:_____

18. $\frac{1}{10}$ is equal to 0.2

Answer:_____

19. Write 16, 851 in words.

Answer:_____

_____

20. 8.4 ÷ 2 =

Answer:_____

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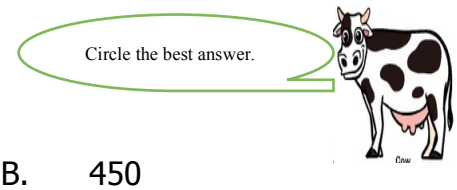
21. Round off 456 to the nearest tens.



A. 400 B. 450

C. 460 D. 500

22. The place value of 4 in the number 3.14 is

A. hundreds B. hundredths

C. tenths D. thousands

ALGEBRA

23. What is the rule for the number pattern below?

2, 4, 8, 16, 32, 64…….

A. Add 2 B. Multiply by 2

C. Add 2 and multiply by 2 D. Multiply by 2 and add 4

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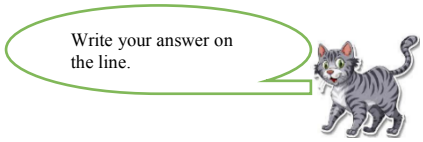
24. The school canteen sold 6 cartons of juice cans. Each carton has 30 cans of juice. How many cans were sold altogether?



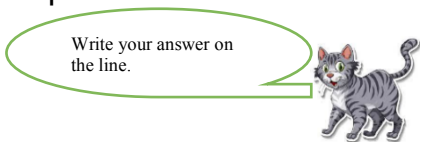
Answer: _____cans

25. Tom had 6 books and bought some more. Now he has 12 books altogether. Write a number sentence that will show the total number of books he has?

Answer: _____

MEASUREMENT

26. A piece of timber 24.16 m was cut into 8 equal parts. What is the length of one part?



Answer: _____m

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27. The temperature at noon on a sunny day would be

Circle the best answer.



A. quite warm. B. very warm.

C. cool. D. very cool.

28. Mr. Naca bought these items a TV for $2, 948.00, an exercise machine for $10, 308.00 and a fridge for $3, 780.00. How much did he pay for all the items?



$2,948.00



$10,308.00

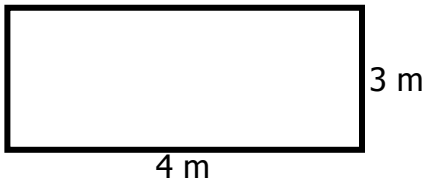


$3,780.00

A. $15, 926.00 B. $17, 036.00

C. $25, 936.00 D. $77, 588.00

29. A farmer wants to fence his garden which is in the shape of a rectangle. What is the length of the fencing wire the farmer will use?



A. 7 m B. 12 m

C. 14 m D. 24 m

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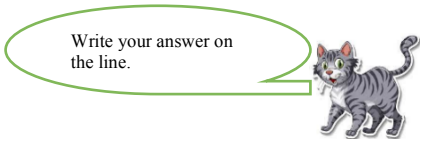
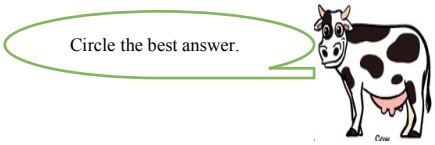
30. We filled 200 litres of fuel into the boat fuel tank. How many litres of fuel was used if a quarter $\left(\frac{1}{4}\right)$ remained in the tank?



Answer: _____litres

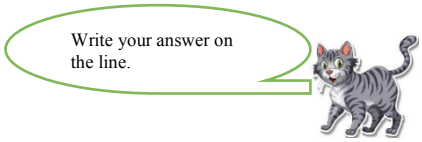
31. How many days are there in a fortnight?



A. 7 B. 12

C. 14 D. 30

32. Bimla went to a theatre to watch a movie. She went in at 2.15pm and watched a full 3 hour movie with a 15 minute interval. What time did she come out of the theatre?



Answer: _____

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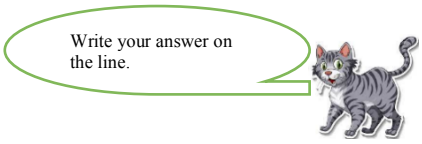
33. What is $\frac{1}{5}$ of $500.00?



Answer: $_____

34. 354 centimetres in metres is

Answer: _____ metres

35. Half a kilogram is

Answer: _____grams

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GEOMETRY

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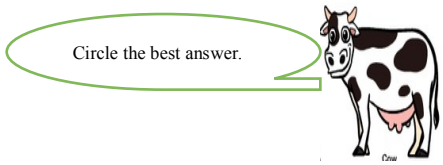
36. Which of the statements given below best describes the property of a ray?



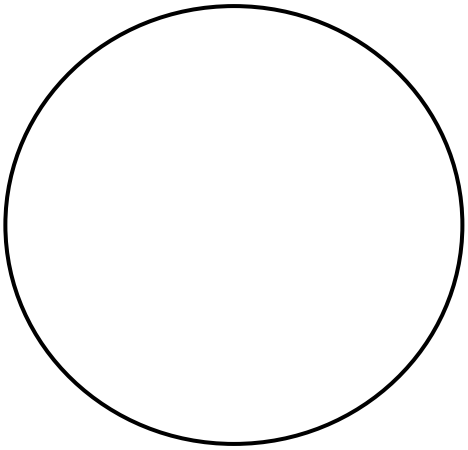
A. It has two end points.

B. Neither has a start or an end point.

C. It starts at a given point and travels in one direction only.

D. Always same distance apart and will never meet.

37. Draw a chord in the circle given below.



38. Draw an obtuse angle in the space below.

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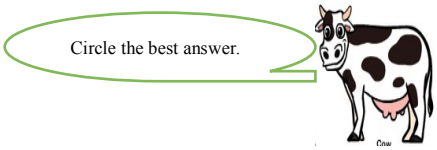
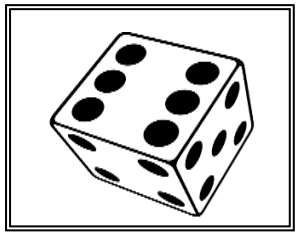
CHANCE and DATA

39. Jennifer rolled a die once. What is the probability of getting a 6?





Source: https://clipartcraft.com

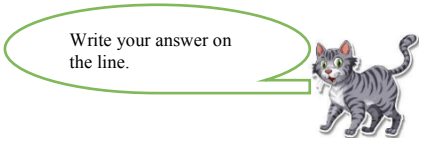
A. $\frac{1}{6}$ B. $\frac{2}{6}$

C. $\frac{3}{6}$ D. $\frac{6}{6}$

40. Use the table below to answer the question.

Students	Favourite Fruit
James	Orange, Banana, Guava
Lily	Apple, Guava, Banana
Chung	Banana, Pineapple, Watermelon
Loriza	Mango, Strawberry, Banana

The favourite fruit for the students is



Answer: _____

THE END

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