



INSPIRED TOTS EARLY LEARNING CENTRE

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ARITHMETIC FIRST TERM EXAMS 2024/2025 SESSION

5TH GRADE

NAME _____

1. What is the place value of 2 in:

a. 2,597? _____

b. 49,238? _____

c. 290,168? _____

3. Write:

a. 0.38 as a percentage _____

b. $\frac{35}{100}$ as a decimal _____

c. 0.58 as a fraction _____

d. Roman numeral for 500 _____

2. Complete:

a. $4 + 9 \times 3 - 10$ _____

b. $(2 \times 3) + 5 \times 8$ _____

c. $4^2 + 3$ _____

d. $\frac{5}{10} + \frac{1}{10}$ _____

4 a. $268 + 54$ _____

b. $200 - 74$ _____

c. 40×20 _____

d. $171 \div 9$ _____

e. $\frac{2}{3}$ of 12 _____

5. Round off to the nearest thousand:

a. 25375 _____

b. 49621 _____

c. 378502 _____

6. Write the number that is:

a. 1000 more than 67,206

b. 1000 less than 569,358

7. Write the improper fraction for:

a. $1\frac{5}{6}$ _____ b. $2\frac{3}{4}$ _____ c. $2\frac{7}{10}$ _____ d. $2\frac{5}{8}$ _____

8. a. $34 + \square = 92$ b. $\square + 39 = 101$ c. $7 \times \square = 63$

9. Write:

a. 3:16pm as 24-hour time _____

b. 08:39 as digital time _____

c. 11:37 as analogue time _____



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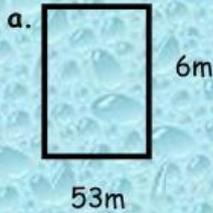
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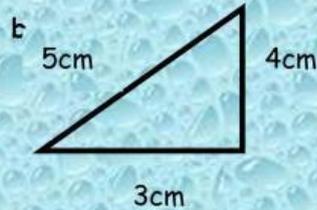
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10. What are the perimeters of these shapes?



53m



3cm

11. Choose the factors of:

a. 16 (4, 6, 8, 9, 12)

b. 20 (4, 5, 6, 9, 10)

c. 30 (5, 6, 7, 8, 10)

12. A farmer sold 250 of his sheep, bought 35 sheep and later bought 68 sheep. After 3 sheep died, he sold another 260 sheep. If he now had 190 sheep, how many sheep did he have at the beginning?

13. What two numbers can be added together to give 32, but when multiplied will give 252?

14. How many two-digits numbers can be made using the digits 1, 5, 7 and 0?

15. Nine children join hands to form a chain. How many hands are held?

Instruction: Convert the decimal numbers given to binary numbers.

16. $29_{10} =$ _____

a. 101_2

b. 1111_2

c. 10011_2

d. 11101_2

17. $63_{10} =$ _____

a. 11111_2

b. 101010_2

c. 111001_2

d. 111111_2

18. $0.21875_{10} =$ _____

a. 0.01_2

b. 0.00111_2

c. 0.01001_2

d. 0.10011_2



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19. $30.8125_{10} =$ _____

a. 101111.01101_2 b. 11110.1101_2 c. 110101.11101_2 d. 111101.10101_2

INSTRUCTION: Convert the given hexadecimal numbers into their decimal equivalents.

20. $E7_{16} =$ _____₁₀

21. $2C_{16} =$ _____₁₀

22. $2F_{16} =$ _____₁₀

INSTRUCTION: Use $>$ or $<$ to show the bigger or smaller number.

23. $38,439$ _____ $38,349$

24. $94,627$ _____ $94,687$

25. $107,385$ _____ $108,385$

26. Write 9 units + 5 tenths + 3 hundredths as decimal _____

27. Round off 12864 to the nearest thousand _____

INSTRUCTION: Write the following in percentage:

28. $\frac{7}{10}$ _____

29. 0.9 _____

30. 0.84 _____

31. The remainder in $187 \div 5$ is _____

32. Take 136 from 378 _____

33. 25% less than 0.3? _____

34. Lowest common multiple of 5 and 8 _____

35. Radius of a circle with diameter 4.56m is _____