INSPIRED TOTS EARLY LEARNING CENTER
SECOND TERM EXAMINATION 2023/2024 SESSION

Name_____ **Class:** 5th Grade **Date:** _____

Subject: **ARITHMETIC**

Instruction: **Fill the blanks with the number that makes the fractions equivalent.**

1. $\frac{4}{7} = \frac{\square}{28}$ 2) $\frac{3}{5} = \frac{\square}{30}$ 3) $\frac{\square}{8} = \frac{56}{64}$

1. Mark under the values that are equal to $\frac{1}{2}$.

$\frac{5}{10}$	50%	0.05	0.10	0.50	$\frac{10}{50}$	20%	$\frac{0.5}{1}$
◯	◯	◯	◯	◯	◯	◯	◯

2. $23\frac{2}{15} + 16\frac{1}{15} + 52\frac{8}{15}$ = _____

6. $3,246\frac{1}{5} + 719\frac{2}{5} + 5,899\frac{1}{5}$ = _____

7. $423\frac{3}{17} + 784\frac{5}{17} + 95\frac{6}{17}$ = _____

8. $101\frac{1}{6} - 76\frac{3}{8}$ = _____

9. $501\frac{3}{8} - 217\frac{7}{8}$ = _____

10. $64\frac{1}{3} - 18\frac{4}{5}$ = _____

11. $1 - \frac{7}{8}$ = _____

Instruction: **Convert these Celsius temperatures to Fahrenheit. Use the formula** $F = \frac{9}{5}C + 32$.

12. 25°C = _____ °F. 13. 50°C = _____ °F 14. 100°C = _____ °F

Instruction: **Convert these Fahrenheit temperatures to Celsius. Use the formula** $C = \frac{5}{9}(F - 32)$.

15. 59 °F. = _____ °C 16. 212°F. = _____ °C 17. 104°F. = _____ °C

LIVEWORKSHEETS

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Instruction: **Use the formula $P = (2 \times l) + (2 \times w)$ to find the perimeter of these rectangles.**

18. $l = 5ft.; w = 4ft.$

19. $l = 7\frac{1}{2}ft.; w = 4ft.$

Instruction: use the rule for probability to find each answer.

20. A bag of beads has 5 blue beads and 7 red beads. What is the probability that a red bead will be chosen from the bag? _____

How many beads are in the bag? _____

21. A classroom has 15 girls and 15 boys. The names of the students are put in a hat. What is the probability that a boy's name will be chosen? (Reduce the answer to lowest terms.)

_____

22. The Alaskan Highway extends 1,422 miles. How long would it take to drive it going 45 miles per hour? _____

23. The cost for 407 students to enter the zoo is $ 2,442. What is the cost per ticket?

_____

24. Lucia left for an extended trip on May 21 and returned on September 5. How many days was she away from home? _____

Instruction: mark the correct answer.

25. this gives the best estimate of 702 – 199.

- ◯ 700 – 190
- ◯ 710 – 200
- ◯ 700 – 200
- ◯ 700 - 100

26. This estimate how many 12s there are in 468.

- ◯ 400 ÷ 10
- ◯ 500 ÷ 10
- ◯ 400 ÷ 20
- ◯ 500 ÷ 20

27. This gives the best estimate of the cost of 199 candy bars at $0.75 each.

- ◯ $\frac{3}{4} \times 200$
- ◯ $\frac{3}{10} \times 200$
- ◯ $\frac{1}{2} \times 100$
- ◯ $\frac{3}{4} \times 100$

28. Rearrange the digits of 27 136 to make the least number possible. Use the comma correctly and read the number. _____

29. $624 \overline{)839{,}280}$

30. $89 \overline{)205{,}323}$

31. $9 \overline{)33{,}075}$

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Instruction: Find the sum and differences.

32.
$$\begin{array}{r} 32.4 \\ 7.98 \\ +\ 42.85 \\ \hline \end{array}$$

33.
$$\begin{array}{r} 0.97 \\ 1.8 \\ 2.69 \\ +\ 3.2 \\ \hline \end{array}$$

34. The apostle Paul was a tentmaker. Suppose he had materials these lengths: $1\frac{3}{4}\ yd., 2\frac{1}{4}\ yd., 3\frac{3}{4}\ yd., and\ 2\frac{3}{4}\ yd.$ What was the total length?

35. Alexandra made 24 quarts of lemonade. How many gallons did she make? How many pints did she make?

Instruction: write the correct Arabic numeral for these Roman numerals.

36. $\overline{\text{VI}}$ _____

37. $\overline{\text{V}}$M _____

38. CMXXIV _____

39. DXXI _____

40. DCCXXII _____

LIVEWORKSHEETS