

Sterling Classical School

■ **Summer Math Adventure!**

5th Grade Review Packet

Get ready for The School of Logic Math — you've got this!

Name: _____

Date: _____

Directions: Solve each problem neatly on notebook paper. Show your work and write your answers clearly.

Place Value & Operations

1. Write 2,507,364 in expanded form.
2. What is the value of the 6 in 4,672,109?
3. Round 398,765 to the nearest ten thousand.
4. Compare: 1.25 ____ 1.205
5. Write 0.004 in word form.
6. What is 100 times 34.6?
7. What is $\frac{1}{10}$ of 5.8?
8. Order: 0.56, 0.506, 0.65
9. Add: $4,567 + 3,289 + 1,234$
10. Subtract: $9,000 - 6,789$

Multiplication & Division

11. 48×23
12. 305×17
13. $6,214 \times 5$
14. $120 \div 8$
15. $456 \div 12$
16. $2,400 \div 16$
17. A class has 28 students. Each gets 6 pencils. How many pencils total?

18. A store packs 144 bottles into 12 boxes. How many bottles per box?

19. $9 \times 8 \times 7$

20. A runner runs 3 miles each day for 14 days. Total miles?

Fractions & Decimals

21. Write $\frac{3}{5}$ as a decimal.

22. Write 0.75 as a fraction.

23. Add: $\frac{2}{3} + \frac{1}{3}$

24. Subtract: $\frac{7}{8} - \frac{3}{8}$

25. Multiply: $\frac{1}{2} \times 6$

26. Divide: $10 \div \frac{1}{2}$

27. Which is greater: $\frac{5}{6}$ or $\frac{4}{5}$?

28. $0.4 + 0.65$

29. $1.2 - 0.37$

30. Write an equivalent fraction for $\frac{3}{4}$

Measurement & Geometry

31. Convert 3.5 meters to centimeters.

32. Convert 2 hours to minutes.

33. Find perimeter (12 cm, 7 cm).

34. Find area (12 cm, 7 cm).

35. Volume: $3 \times 4 \times 5$

36. Classify a triangle with one right angle.

37. Sum of angles in triangle?

38. Shape with one pair of parallel sides

39. Type of angle 120°

40. Area of square (side 9)

Word Problems & Thinking

41. 3 books at \$12.75 each

42. 50L – 18.5L remaining?

43. 24 ft ÷ 6 pieces

44. $\frac{3}{4}$ cup × 2 batches

45. \$36 ÷ \$4 each

46. 60 miles × 5 hours

47. 3 groups of 8 students

48. 5 rows of 12 plants

49. 125 minutes in hours/minutes

50. Area 48, width 6 → length