

# 6th Grade Summer Math

## 2025-2026

**Section 1: Place Value and Exponents**

Directions: Read each question carefully and show all of your work. Circle your final answer.

1. Write $10^{-2}$ in standard form.	2. Write 100,000,000 as a power of ten.
3. Multiply. $3.75 \times 10^2$	4. Write $(3 \times 10^4) + (7 \times 10^0) + (9 \times 10^{-3})$ in standard form.
5. Divide. $73.1 \div 10^3$	6. Round 0.002749 to its greatest nonzero place.
7. What is the place of the digit 6 in 685,851,511,230,854?	8. Write $600 + 5 + 0.0004 + 0.000007$ in standard form.
9. Write 71,050 in expanded form.	10. Write 35 <i>hundred thousandths</i> in standard form.

**Section 2: Order of Operations**

Directions: Use PEMDAS to evaluate each expression. Show your work and circle your final answer.

11. $37 + 55 - 12 \times 74 \div 6$	12. $56 - 4 \times 8 + 7^2$
13. $12 + 7 \times 5 + 2^3$	14. $42 \times (191 - 68) \div 2 + 701$
15. $(95 + 57)^2 + 49 \times 5$	16. $270 \div 5 + (8^3 - 7) \times 17$
17. $\{[(10^3 - 63) - 872] \div 5\} \times 2$	18. $(5 \times 8) \div [(9 \div 3) + 5] \times 10$
19. $(84 + 7) \div 2$	20. $(84 \times 2 - 43) \div 5 + 9 - 3$

**Section 3: Multi-Digit Addition and Subtraction**

Directions: Add or subtract. Show your work and circle your final answer.

21. $27.7423 + 5.0122$	22. $316,087 + 26,955 + 3401$
23. $0.894 - 0.757$	24. $\$22.24 - 16.85$
25. $0.53 + 0.007 + 0.185 + 0.2$	26. $2,908,387 + 55,460,441$
27. $8,778,035,323 - 2,915,296,000$	28. $\$300 - 69.68$
29. $0.1813 + 2.7 + 0.5618$	30. $0.4285 + 0.377$

**Section 4: Multi-Digit Multiplication and Division**

Directions: Align. Then, multiply or divide. Show your work and circle your final answer.

31. $108 \times 435$	32. $7126 \times 1384$
33. $2.21 \times 38.1 \times 797$	34. $319 \times 2099$
35. $18.2 \times 32$	36. $4578 \div 26$
37. $4421 \div 38$	38. $3.623 \div 1000$
39. $2.7 \div 28.7$	40. $5 \div 8$

**Section 5: Adding and Subtracting Fractions and Mixed Numbers**

Directions: Add or subtract. Your answer must be written in simplest form. Show your work and circle your final answer.

41. $\frac{3}{20} + \frac{6}{7}$	42. $7\frac{8}{15} + 7\frac{2}{15}$
43. $\frac{98}{100} - \frac{24}{49}$	44. $20\frac{3}{17} - \frac{22}{25}$
45. $2\frac{5}{8} + 32\frac{13}{16}$	46. $\frac{5}{36} + \frac{7}{12} + \frac{11}{18}$
47. $13 - 7\frac{1}{5}$	48. $4\frac{5}{7} - 1\frac{2}{7}$
49. $5\frac{7}{12} - 3\frac{5}{9}$	50. $\frac{7}{9} + 2\frac{1}{3} + 2\frac{2}{9}$

**Section 6: Multiplying and Dividing Fractions and Mixed Numbers**

Directions: Multiply or divide. Your final answer must be written in simplest form. Show your work and circle your final answer.

51. $\frac{3}{8} \times 3\frac{1}{5}$	52. $\frac{10}{13} \times \frac{3}{20}$
53. What is $\frac{7}{12}$ of 60?	54. $24 \times \frac{3}{8}$
55. $3\frac{1}{5} \times 6\frac{1}{4}$	56. $\frac{2}{3} \div \frac{1}{6}$
57. $\frac{16}{25} \div \frac{8}{15}$	58. $2\frac{6}{7} \div \frac{18}{35}$
59. $14\frac{1}{6} \div 2\frac{2}{11}$	60. $9\frac{1}{8} \div 2\frac{1}{8}$

### **Additional Resources**

The following games and websites are available for additional practice.

- Virtual Number Line: <https://www.coolmath4kids.com/manipulatives/number-line>
- Tang Math Games: <https://tangmath.com/games>
- Math Minute: <https://webmathminute.com/>
- All Ten: <https://beastacademy.com/all-ten>
- Nerdle: <https://nerdlegame.com/?v=202505221222>
- Number Hive: <https://play.numberhive.org/lobby>