



Math Worksheet for 7th Grade

Adding & subtracting rational numbers

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Questions

Problems

1. Calculate: $79\% - 79.1 - 58 \frac{1}{10}$
2. Calculate: $0.79 - \frac{4}{3} - \frac{1}{2} + 150\%$
3. Calculate: $-5 + 3 \frac{2}{5}$
4. Calculate: $4.25 - 7.6 + (-2.05)$
5. A temperature is 12.3°C . It drops by 25% of its value. What is the new temperature?
6. Sam had \$45.75, spent \$12.40, then got \$8.95. What is his final amount?
7. Calculate: $3 \frac{1}{2} - 5 \frac{7}{8}$
8. Calculate: $\frac{2}{5} + (-\frac{7}{10}) + 0.3$
9. Calculate: $-0.6 - (-1.75) + 25\%$
10. A store price is \$120. It is decreased by 15% and then increased by 10%. What is the final price?
11. Calculate: $7.005 - 0.705$
12. Calculate: $-\frac{3}{4} + \frac{5}{6} - \frac{1}{3}$
13. Calculate: $0.08 + 0.792 - 0.879$
14. Calculate: $150\% - 2 \frac{1}{4} + 0.5$
15. A hiker ascends 3.6 km, descends $1 \frac{3}{4}$ km, then ascends 0.85 km. What is the net change in elevation?
16. Calculate: $-8.2 + 12\%$ of 50
17. Calculate: $5.5 - (-3.25) - \frac{2}{5}$
18. Calculate: $\frac{2}{3} + 0.75 - 50\%$
19. Calculate: $-14 + 7 \frac{2}{7}$
20. Calculate: $0.333\dots + \frac{1}{6} - 0.25$
21. Maya owes \$36. She pays 40% of it, then borrows \$5 more. How much does she owe now?
22. Calculate: $6 \frac{7}{10} - 3 \frac{11}{20} + 0.05$
23. Calculate: $-2.5 - (-2 \frac{3}{8})$
24. Calculate: $125\% + (-0.625) - \frac{1}{4}$
25. A recipe calls for $1 \frac{1}{2}$ cups sugar. You add $\frac{2}{3}$ cup, then remove $\frac{7}{20}$ cup. How much sugar remains?
26. Calculate: $0 - (-3.14) + (-0.86)$
27. Calculate: $\frac{9}{10} - 1.07 + 0.03$
28. Calculate: $-1 \frac{1}{3} + 2 \frac{2}{5} - 0.1$
29. If a battery level is 84% and you use 27% of it, what percentage remains?
30. Calculate: $0.005 + (-0.12) + 12\%$



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31. Calculate: $-7\frac{1}{2} + 4\frac{3}{8}$

32. Calculate: $3.141 - 1.141 + (-1)$

33. A bank account has \$250. You withdraw 40%, deposit \$30, then withdraw $\frac{1}{5}$ of the remaining balance. What is the final balance?

34. Calculate: $2\frac{5}{6} - (1\frac{3}{4} + 0.2)$

35. Calculate: $-0.222... - \frac{2}{9} + 0.5$

36. Calculate: $100\% - (\frac{3}{4} + 25\%)$

37. You score 78% on a test, then improve by 0.12 (add 0.12), then lose 5% (subtract 0.05). What is your final score (as a percent)?

38. Calculate: $\frac{11}{12} - \frac{7}{18} + 0.1$

39. Calculate: $-9 + 4.75 - 0.25 + 200\%$

40. Calculate: $2.5 - 3\frac{2}{3} + 1\frac{3}{10}$

41. A thermometer reads $-\frac{2}{5}^{\circ}\text{C}$ in the morning, rises by $\frac{3}{4}^{\circ}\text{C}$, then drops 0.6°C . What is the final temperature?

42. Calculate: $0.625 + (-\frac{5}{8}) + 0.1$

43. Calculate: $4\frac{7}{10} - \frac{9}{20} - 0.3$

44. Calculate: $-0.001 - 0.009 + 1\%$

45. An item is \$80, discounted by 15% and then an extra \$5 is taken off. What is the sale price?

46. Calculate: $\frac{3}{8} - 0.125 + (-\frac{1}{16})$

47. Calculate: $-4.6 + 2.45 - (-0.35)$

48. Calculate: $0.2 + \frac{2}{5} - 40\%$

49. Calculate: $7\frac{1}{2} - (2.25 + 25\%)$

50. A cyclist rides 12.3 km east, then 5.75 km west, then 2.875 km east. What is the net displacement (east positive)?