

Practice

Adding and Subtracting Rational Numbers*Find each sum or difference.*

1. $\frac{5}{14} + \left(-\frac{3}{14}\right)$

2. $-\frac{19}{6} + \left(-\frac{5}{6}\right)$

3. $-\frac{6}{11} - \left(-\frac{10}{11}\right)$

4. $-6.2 + 4.6$

5. $-27.9 + 36$

6. $-3.4 - 4.8$

7. $-\frac{3}{4} + \frac{5}{8}$

8. $\frac{7}{4} + \left(-\frac{1}{3}\right)$

9. $-\frac{3}{5} + \frac{3}{4}$

10. $126.2 + (-200)$

11. $-164 + (-8.29)$

12. $164.7 - 186.1$

13. $\frac{5}{16} - \frac{1}{2}$

14. $-\frac{5}{6} - \frac{4}{15}$

15. $-\frac{7}{9} + \frac{5}{12}$

16. $-9.26 - 38.5$

17. $-0.006 + (-0.5)$

18. $-0.09 + 0.009$

19. $-\frac{1}{2} - \frac{2}{3}$

20. $-\frac{1}{2} + \left(-\frac{2}{3}\right)$

21. $-\frac{2}{3} - \frac{1}{2}$

22. $65.6 - (-13.3)$

23. $-6\frac{3}{8} - 2\frac{7}{8}$

24. $-1\frac{2}{3} + 1\frac{1}{2}$

25. $\begin{array}{r} -12x \\ + 9x \\ \hline \end{array}$

26. $\begin{array}{r} -15z \\ - 39z \\ \hline \end{array}$

27. $\begin{array}{r} 7.9 \\ + (-9.7) \\ \hline \end{array}$

Evaluate each expression.

28. $k - (-2)$, if $k = 1.6$

29. $d - (-3.1)$, if $d = -15$

30. $m - 2.8$, if $m = -1.7$

31. $\frac{9}{4} - n$, if $n = \frac{11}{4}$

32. $\frac{5}{3} - a$, if $a = \frac{5}{6}$

33. $-\frac{13}{9} - c$, if $c = \frac{2}{3}$