1. -23 + 43 - 45 - 33 + 1 - 2
(43 + 1) + (-23 - 45 - 33 - 2)
44 - 103
Find the difference: (large - small)
103 - 44 = 59
The sign of the larger number is negative, so the answer is: -59

3. -76 - 98 - 9 - 43 + 32
32 + (-76 - 98 - 9 - 43)
32 - 226
Find the difference: (large - small)
226 - 32 = 194
The sign of the larger number is negative, so the answer is: -194

5. -34 - 11 - 11 - 100 - 4 + 39
39 + (-34 - 11 - 11 - 100 - 4)
39 - 160
Find the difference: (large - small)
160 - 39 = 121
The sign of the larger number is negative, so the answer is: -121

7. -120 + 334 + 34 - 12
(334 + 34) + (-120 - 12)
368 - 132
Find the difference: (large - small)
368 - 132 = 236
The sign of the larger number is positive, so the answer is: + 263

9. 92 - 0 + 21 - 65
(92 + 21) + (-0 - 65)
113 - 65 = 48
The sign of the larger number is positive, so the answer is: 48

11. 12 - 95 + 34 - 87 - 34 - 22
(12 + 34) + (-95 - 87 - 34 - 22)
46 - 238
Find the difference: (large - small)
238 - 46 = 192
The sign of the larger number is negative, so the answer is: -192

13. 28 - 34 - 23 + 24 + 34 - 34
(28 + 24 + 34) + (-34 - 23 - 34)
86 - 91
Find the difference: (large - small)
91 - 86 = 5
The sign of the larger number is negative, so the answer is: -5

15. 321 - 876
Find the difference: (large - small)
876 - 321 = 555
The sign of the larger number is negative, so the answer is: -555

17. -67 - 82 - 29 - 39 - 34 + 322
322 + (-67 - 82 - 29 - 39 - 34)
322 - 251
The sign of the larger number is positive, so the answer is: 71

19. 876 - 987
The sign of the larger number is negative, so the answer is: -111

21. 1,254 - 345 - 1,899
1,254 + (-345 - 1,899)
1,254 - 2,244
The sign of the larger number is negative, so the answer is: -990

23. 87,342 - 23,243
The sign of the larger number is positive, so the answer is: 64,099

25. -87,274 - 54,364
Since both numbers have the same sign, find the sum of the two numbers.
-87, 274 - 54,364
-141,638

27. -76,234 - 2,435 - 3,654 - 2,000
Since all numbers have the same sign, find the sum of the numbers.
-84,323

29. -33 + 0 - 0 + 10 - 10 + 10 - 10
(0 + 10 + 10) + (-33 - 0 -10 - 10)
20 - 53
-33

31. 1 - 1 + 1 - 1 + 1 - 1 + 1 + 0 - 1
(1 + 1 + 1 + 1 + 0) + (-1 - 1 - 1 - 1)
4 - 4
0

33. $\frac{-4}{5} - \frac{2}{3}$

$\frac{-4}{5} \cdot \left(\frac{3}{3}\right) - \frac{2}{3} \cdot \left(\frac{5}{5}\right)$

$\frac{-12}{15} - \frac{10}{15}$

$\frac{-12-10}{15} = \frac{-22}{15}$

35. $\frac{-2}{5} - \frac{3}{15}$

$\frac{-2}{5} \cdot \left(\frac{3}{3}\right) - \frac{3}{15}$

$\frac{-6}{15} - \frac{3}{15} = -\frac{9}{15} = -\frac{3}{5}$

37. $\frac{3}{8} - \frac{1}{6}$

$\frac{3}{8} \cdot \left(\frac{3}{3}\right) - \frac{1}{6} \cdot \left(\frac{4}{4}\right)$

$\frac{9}{24} - \frac{4}{24}$

$\frac{5}{24}$

39. $\frac{-1}{2} - \frac{3}{4} + \frac{5}{8}$

$\frac{-1}{2} \cdot \left(\frac{4}{4}\right) - \frac{3}{4} \cdot \left(\frac{2}{2}\right) + \frac{5}{8}$

$\frac{-4}{8} - \frac{6}{8} + \frac{5}{8}$

$\frac{-10}{8} + \frac{5}{8} = \frac{-5}{8}$

41. $\frac{3}{2} - \frac{1}{2} - \frac{5}{6}$

$\frac{3}{2} \cdot \left(\frac{3}{3}\right) - \frac{1}{2} \cdot \left(\frac{3}{3}\right) - \frac{5}{6}$

$\frac{9}{6} - \frac{3}{6} - \frac{5}{6}$

$\frac{6}{6} - \frac{5}{6} = \frac{1}{6}$

43. 765 - 321 + 34 - 436 - 943
(765 + 34) + (-321 - 436 - 943)
799 - 1,700
-901

45. -23 - 45 + 3
3 - (23 + 45)
3 - 68
-65

47. -876 + 82 - 232 - 217
82 - (876 + 232 + 217)
82 - 1,325 = -1,243

49. 39 + 38 - 52 - 27
(39 + 38) + (-52 - 27)
77 - 79
-2

51. -432 - 76 + 654 + 725 + 23
(654 + 725 + 23) + (-432 - 76)
1,402 - 508
894

53. -83 + 21 - 113 + 300
(300 + 21) + (-83 - 113)
321 - 196
125

55. -245 - 357 - 521
-1,123

57. 0 - 1 + 1 - 1 -1 - 1 + 0 - 0 + 1 + 1
(0 + 1 + 1 + 1) + (-1 - 1 - 1 - 1 - 0)
3 - 4
-1

59. 0 - 65 + 100
100 - 65
35

61. $\frac{-3}{5} - \frac{2}{15}$

$\frac{-3}{5} \cdot \left(\frac{3}{3}\right) - \frac{2}{15}$

$\frac{-9}{15} - \frac{2}{15}$

$\frac{-11}{15}$

63. $\frac{7}{8} - \frac{3}{4}$

$\frac{7}{8} - \frac{3}{4} \cdot \left(\frac{2}{2}\right)$

$\frac{7}{8} - \frac{6}{8}$

$\frac{1}{8}$

65. $\frac{1}{2} - \frac{1}{4} - \frac{1}{8}$

$\frac{1}{2} \cdot \left(\frac{4}{4}\right) - \frac{1}{4} \cdot \left(\frac{2}{2}\right) - \frac{1}{8}$

$\frac{4}{8} - \frac{2}{8} - \frac{1}{8}$

$\frac{1}{8}$

67. $\frac{-5}{8} + \frac{1}{6}$

$\frac{-5}{8} \cdot \left(\frac{3}{3}\right) + \frac{1}{6} \cdot \left(\frac{4}{4}\right)$

$\frac{-15}{24} + \frac{4}{24}$

$\frac{-11}{24}$

69. $\frac{-5}{12} - \frac{1}{6}$

$\frac{-5}{12} - \frac{1}{6} \cdot \left(\frac{2}{2}\right)$

$\frac{-5}{12} - \frac{2}{12}$

$\frac{-5-2}{12}$

$\frac{-7}{12}$

71. Find the sum of -13 and 5.

-13 + 5

-8

73. Find the sum of 11 and -4 increased by 3.

11 + (-4) + 3

11 -4 + 3

10

75. -3 - 37

-40

77. Armando makes a deposit in his checking account for $550 and withdraws $120. If he started with a balance of $275.22, what is his new balance?

272.22 + 550.00 - 120.00

$702.22

79. If $a < 0$ and $b < 0$, what can be said about $a + b$?

Since a negative number plus a negative number is a negative number, $a + b$ is a negative number.