

Combining like terms — ANSWER KEY

Solve. Combine like terms first.

1. $-7x - 4 - 7x = 66$

$x = \underline{\quad -5 \quad}$

2. $-t + 4 - 3t = 40$

$t = \underline{\quad -9 \quad}$

3. $7t + 2 + 2t = 38$

$t = \underline{\quad 4 \quad}$

4. $-k + 12 - 8k = 102$

$k = \underline{\quad -10 \quad}$

5. $5y + 14 + y = 26$

$y = \underline{\quad 2 \quad}$

6. $7m + 2 - 4m = -13$

$m = \underline{\quad -5 \quad}$

7. $-2n - 10 - 9n = -10$

$n = \underline{\quad 0 \quad}$

8. $-5n + 1 + 7n = 3$

$n = \underline{\quad 1 \quad}$

9. $8k + 13 - 4k = 29$

$k = \underline{\quad 4 \quad}$

10. $7m + 10 + 2m = 82$

$m = \underline{\quad 8 \quad}$

11. $2y - 10 + 5y = 4$

$y = \underline{\quad 2 \quad}$

12. $5t - 8 + 7t = 52$

$t = \underline{\quad 5 \quad}$