31) {-36}	41) {8}	51) {4}
33) {-12}	43) {4}	53) {0}
35) {-2}	45) {6}	55) {-18}
37) {-4}	47) {2}	57) {5}
39) {-4}	49) {-34}	59) {±7}

33) $21 = -\frac{3}{2}(x - 2)$

$21 = -\frac{3}{2}x + 3$

$21 + (-3) = -\frac{3}{2}x + 3 + (-3)$

$(18 = -\frac{3}{2}x) \cdot 2$

$\frac{36}{-3} = \frac{-3x}{-3}$

$-12 = x$

$\{-12\}$

37) $-3 = 4(k+7) - 15$

$-3 + 15 = 4(k+7) - 15 + 15$

$12 = 4(k+7)$ ⟵ Alternate steps from this point. ⟶ $\dfrac{12}{4} = \dfrac{4(k+7)}{4}$

$12 = 4k + 28$

$12 - 28 = 4k + 28 - 28$ $3 = k+7$

$\dfrac{-16}{4} = \dfrac{4k}{4}$

$-4 = k$

$\{-4\}$

---

41) $\left(\dfrac{2x-1}{3} = 5 \right) 3$

$2x - 1 = 15$

Finish from here.

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53) $b - (1 - 2b) + (b - 3) = -4$ associative

$b - 1 + 2b + b - 3 = -4$

$4b - 4 = -4$

Finish from here.

---

51) $(x - 13) - (x - 5) + 2x = 0$

$x - 13 - x + 5 + 2x = 0$

$2x - 8 = 0$

Finish from here.

45) $1 - \frac{3}{4}(v + 2) = -5$

$1 + (-1) - \frac{3}{4}(v+2) = -5 + (-1)$

$-\frac{3}{4}(v+2) = -6$

$4\left(-\frac{3}{4}v - \frac{6}{4} = -6\right)$

$-3v - 6 = -24$

$-3v - 6 + 6 = -24 + 6$

$\frac{-3v}{-3} = \frac{-18}{-3}$

$v = 6$

$\{6\}$

Alternate steps

$4\left[-\frac{3}{4}(v+2) = -6\right]$

$\frac{-3(v+2)}{-3} = \frac{-24}{-3}$

$v + 2 = 8$

55) $5m - 3[7 - (1 - 2m)] = 0$

$5m - 3[7 - 1 + 2m] = 0$

$5m - 3[6 + 2m] = 0$

$5m - 18 - 6m = 0$

Finish from here.

57) $5(g - 7) + 2[g - 3(g - 5)] = 0$

careful! can't do

$5g - 35 + 2[g - 3g + 15] = 0$

$5g - 35 + 2[-2g + 15] = 0$

$5g - 35 - 4g + 30 = 0$

Finish from here.