Chapter 5, Solution 66.

We can start by looking at the contributions to v_o from each of the sources and the fact that each of them go through inverting amplifiers.

The 6 V source contributes -[100k/25k]6; the 4 V source contributes -[40k/20k][-(100k/20k)]4; and the 2 V source contributes -[100k/10k]2 or

$$v_o = \frac{-100}{25}(6) - \frac{40}{20} \left(-\frac{100}{20} \right) (4) - \frac{100}{10} (2)$$
$$= -24 + 40 - 20 = -4V$$