Start with $15 + (-42)$. Since $42 - 15 = 27$, and $42 > 15$, $15 + (-42) = -27$. Next find $-27 - 6 = -27 + (-6)$. Since $27 + 6 = 33$, $-27 + (-6) = -33$. Finally subtract $-33 - (-28) = -33 + 28$. Since $33 - 28 = 5$, and $33 > 28$, $-33 + 28 = -5$.