

## Solutions

$$5. a) (+7) - (-5)$$

"add the opposite"

$$(+7) + (+5) = (+12)$$

$$6. a) (+2) - (-6)$$

$$(+2) + (+6) = (+8)$$

7. a) i) Calgary

$$(+13) - (-4)$$

$$(+13) + (+4) = (+17)$$

The difference in temperature is  $+17^{\circ}\text{C}$ .

$$11. a) +6, +2, -2, \dots, -6, -10, -14, -18$$

$\underbrace{\quad}_{-4} \quad \underbrace{\quad}_{-4}$

$$12. a) \underbrace{(+4) - (+2)}_{\downarrow} - (+1)$$

$$(+4) + (-2) - (+1)$$

$$= (+2) - (+1)$$

$$= (+1)$$