

8. Assessment Focus

- a) Subtract: $(-6) - (+11)$
- b) Suppose we subtract the integers in the opposite order: $(+11) - (-6)$
How does the answer compare with the answer in part a?
Use number lines to explain.
- c) How is $(+6) - (-11)$ different from $(-6) - (+11)$? Explain.

9. Show three ways that $+4$ can be written as the difference of two integers.

10. Take It Further Use patterns to subtract.

- a) Subtract: $(+2) - (+5)$
Start the pattern with $(+6) - (+5) = +1$.
- b) Subtract: $(+7) - (-3)$
Start the pattern with $(+7) - (+4) = +3$.
- c) Subtract: $(-3) - (+7)$
Start the pattern with $(+8) - (+7) = +1$.

11. Take It Further Copy each integer pattern.

Write the next 4 terms.

What is the pattern rule?

- a) $+6, +2, -2, \dots$
- b) $-3, -1, +1, \dots$
- c) $+5, +12, +19, \dots$
- d) $+1, 0, -1, \dots$

12. Take It Further Evaluate.

- a) $(+4) - (+2) - (+1)$
- b) $(-2) - (+1) - (-4)$
- c) $(-1) + (-2) - (+1)$
- d) $(+5) - (+1) + (-2)$
- e) $(+10) - (+3) - (-5)$
- f) $(-7) - (+1) + (-3)$