

Practice

1. Use a number line to represent each sum.

a) $(+1) + (+3)$

b) $(-1) + (+3)$

c) $(-3) + (+1)$

d) $(-1) + (-3)$

e) $(-3) + (-4)$

f) $(-3) + (+4)$

g) $(+3) + (-4)$

h) $(+3) + (+4)$

2. Use a number line to add.

a) $(+4) + (+2)$

b) $(+5) + (-3)$

c) $(-4) + (-2)$

d) $(-8) + (+2)$

e) $(-6) + (-7)$

f) $(+1) + (-6)$

g) $(-5) + (+2)$

h) $(+8) + (+4)$

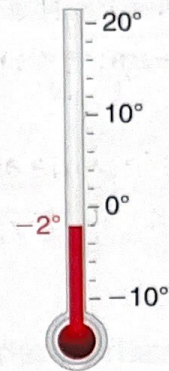
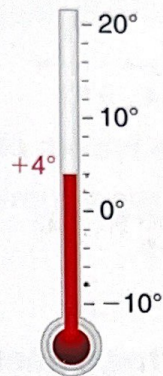
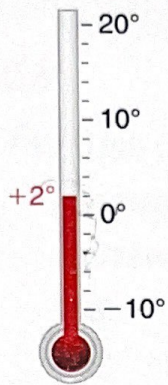
3. a) Reverse the order of the integers in question 2, then add.

b) Compare your answers to the answers in question 2.

What do you notice?

c) Make a general statement about your observations.

- 4.** Look at these thermometers. Find each temperature after:
- a) it falls 4°C b) it falls 7°C c) it rises 6°C



- 5.** a) The temperature rises 7°C , then drops 2°C .
What is the overall change in temperature?
- b) Adrian loses $\$4$, then earns $\$8$.
Did Adrian gain or lose overall?
- c) The value of a stock went up $\$3$, then down $\$2$.
What was the final change in the value of the stock?