

At the end of this lesson, you should be able to:

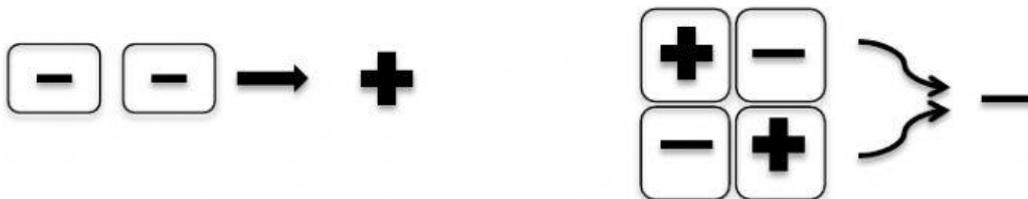
- Add and subtract integers without the use of the number line

# Operations With Integers

## ADDING AND SUBTRACTING INTEGERS

Example: Evaluate the following

a) $5 - 9$	b) $-2 - 7$	c) $-3 + 5$
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Example: Evaluate the following

a) $2 + (-4)$ $= 2 \square 4$ $= \square$	b) $-3 - (-6)$ $= -3 \square 6$ $= \square$	c) $4 - (+2)$ $= 4 \square 2$ $= \square$
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### EXERCISE

1. Select and answer 15 questions from the following.

EASY	MEDIUM	CHALLENGING
a) $4 - 7$	a) $20 - (-3)$	a) $-20 + 4 - 13$
b) $-2 - 3$	b) $-14 + (-20)$	b) $15 - (-2) + 1$
c) $-8 + 7$	c) $-17 - (-13)$	c) $8 - (-11) - 4$
d) $-9 + 2$	d) $24 - (+22)$	d) $4 - 3 - 8$
e) $6 - 14$	e) $-30 - (-30)$	e) $-12 - (+4) - 3$
f) $11 - (-10)$		
g) $-12 - (-9)$		
h) $8 - (+3)$		
i) $4 - (+7)$		
j) $-13 - (-4)$		

2. The temperature of a room is  $25^{\circ}\text{C}$ . What will the final temperature be if the temperature changes by  $-8^{\circ}\text{C}$ ?

