

## ADDING INTEGERS WITH TILES

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Due Date: \_\_\_\_\_

Family Member Signature: \_\_\_\_\_

### Objective:

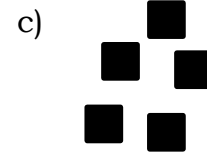
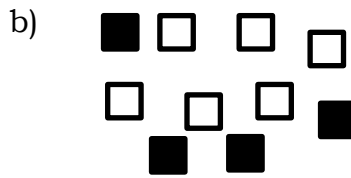
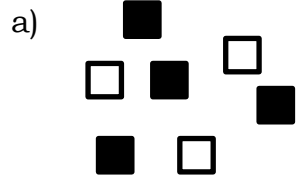
To practice adding integers by representing them with tiles.

### Necessary Information:

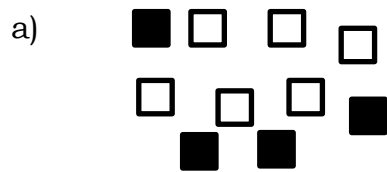


### Practice Section:

1) What integer is being modelled?

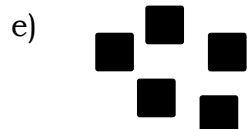
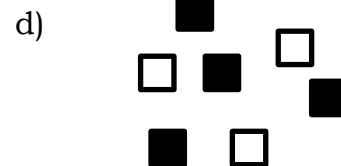


2) Write an addition statement (math language) for each of the following.  
Determine the sum.



b) 5 yellow/white tiles and 8  
black/red tiles

c) 4 black/red tiles, 6 white/yellow tiles  
and 2 black/red tiles.



3) Fill in the blank.

a)  $(+4) + (+9) = \underline{\hspace{2cm}}$

e)  $+4 = \underline{\hspace{2cm}} + (+6)$

b)  $(-11) + (-11) = \underline{\hspace{2cm}}$

f)  $-2 = (+1) + \underline{\hspace{2cm}}$

c)  $(-5) + (+3) = \underline{\hspace{2cm}}$

g)  $\underline{\hspace{2cm}} + (-4) = -10$

d)  $\underline{\hspace{2cm}} = (+7) + (-10)$

h)  $12 + \underline{\hspace{2cm}} = +2$

4) My bank account was at  $-\$20$  last month. Today, my balance reads  $\$17$ . How much did my account increase?

5) The temperature will go from  $19^{\circ}\text{C}$  to  $6^{\circ}\text{C}$ . What is the difference?

6) A fish jumps 2 feet into the air and then dives 7 feet under the water. What is the total distance the fish travelled?

**In Your Real World:**

With a family member, write **two** addition statements that uses the number  $(-2)$  somewhere.