

# When Do a Bunch of Cold Germs Celebrate a Victory?



Do each exercise and find your answer in the corresponding set of answer boxes. Write the letter of the exercise in the box containing the answer.

(E)  $-3 + -4$

(I)  $-20 + -30$

(Y)  $-6 + -1 + -3$

(N)  $-8 + -5$

(A)  $7 + 8$

(W)  $-4 + -7 + -11$

(H)  $-7 + -7$

(B)  $-9 + -2$

(G)  $-9 + -9 + -9$

(T)  $-1 + -16$

(N)  $-4 + -40$

(H)  $13 + 2 + 6$

(E) On first down, the Vultures lost 6 yd. On second down, they lost 5 yd. On third down, they lost 8 yd. Use an integer to express their overall change in position as a result of the three plays. \_\_\_\_\_ yd

(R) A scuba diver dove 18 ft below the surface to observe a school of fish. Then he dove another 24 ft to the bottom. If he started at sea level, what was his elevation when he reached the bottom? \_\_\_\_\_ ft

-22	-14	-19	-44	18	-17	21	-7	-10	-36	-11	-42	-50	-13	-27	-18	15
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(S)  $-33 + -15$

(O)  $-47 + -20$

(E)  $-7 + -13 + -6$

(E)  $-29 + -64$

(E)  $-8 + -75$

(T)  $-19 + -48 + -5$

(A)  $-41 + -58$

(S)  $35 + 39$

(H)  $-25 + -25 + -25$

(I)  $72 + 16$

(N)  $-87 + -24$

(Z)  $-8 + -8 + -8 + -8$

(M) The temperature at 10 A.M. was  $-7^{\circ}\text{F}$ . By noon, the temperature had dropped  $12^{\circ}\text{F}$ . By 2 P.M., it had dropped another  $5^{\circ}\text{F}$ . What was the temperature at 2 P.M.? \_\_\_\_\_  $^{\circ}\text{F}$

(N) Rolex wrote a check for \$45. The next day, he wrote a check for \$32. Use an integer to express the change in his bank balance when the two checks were cashed. \$\_\_\_\_\_

-24	-99	-111	-76	-72	-67	82	-75	88	74	-27	-48	-77	-26	-93	-32	-83
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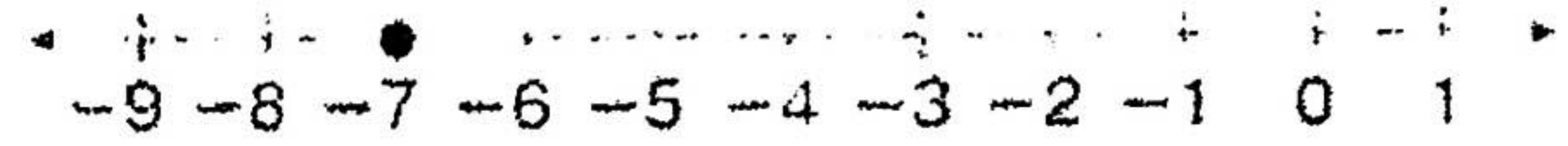
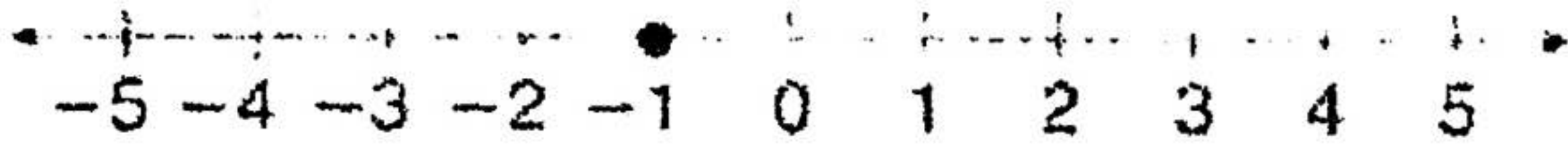
**LESSON**  
**2-2**

**Practice A**  
**Adding Integers**

Show the addition on the number line. Then write the sum.

1.  $2 + (-3)$

2.  $-3 + (-4)$



Find each sum.

3.  $-4 + (-9)$

4.  $7 + (-8)$

5.  $-2 + 1$

6.  $6 + (-9)$

7.  $5 + 7$

8.  $9 + (-5)$

9.  $(-1) + 9$

10.  $-9 + (-7)$

11.  $2 + (-7)$

12.  $-6 + (-4)$

13.  $3 + 2$

14.  $-2 + 6$

Evaluate  $e + f$  for the given values.

15.  $e = 9, f = -2$

16.  $e = -4, f = -6$

17.  $e = 6, f = -1$

18.  $e = -3, f = 2$

19.  $e = 8, f = -6$

20.  $e = -2, f = -3$

21. The temperature dropped  $13^\circ\text{F}$  in 7 hours. The final temperature was  $-2^\circ\text{F}$ . What was the starting temperature?

22. A football team gains 8 yards in one play, then loses 5 yards in the next. How many yards did the team gain in these two plays?