

Name: _____

Period: _____

Score: / = % = _____

HW 1-3

ADDING INTEGERS

Int 1

with Number lines, Chip Boards, and Battle & Recruit

Unit 1

For each of the following questions, use the **number lines** provided to show how we get the solution to each question. Show where you start, which way you move, and where you end on the number line. Write your answer in the blank.

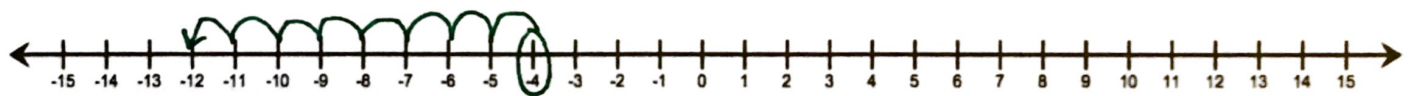
1. $5 + 7 = \underline{12}$



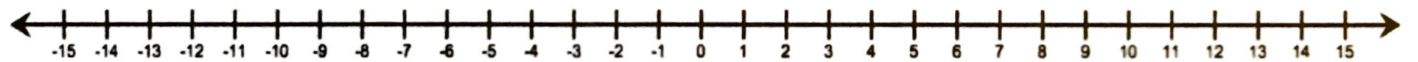
2. $-3 + (-7) = \underline{\hspace{2cm}}$



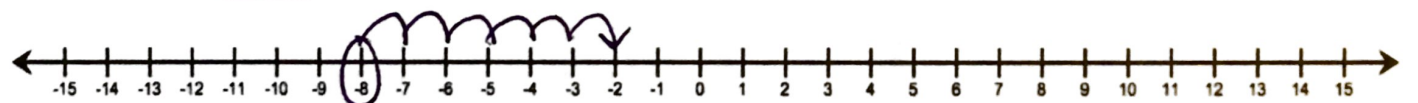
3. $-4 + (-8) = \underline{-12}$



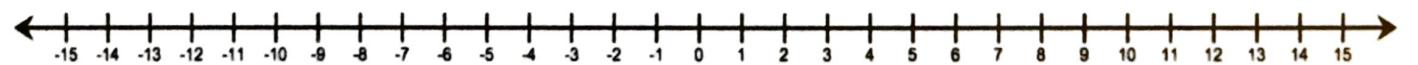
4. $-4 + 8 = \underline{\hspace{2cm}}$



5. $-8 + 6 = \underline{-2}$



6. $-7 + 12 + (-6) = \underline{\hspace{2cm}}$



7. $5 + (-7) + (-6) = \underline{-8}$




Use the **Chip Boards** to show what happens when you add the following sets of integers.

8.

$$(-4) + (-7) = \underline{\quad}$$


11.

$$6 + 3 = \underline{9}$$


14.

$$(-6) + (-2) + 10 = \underline{\quad}$$

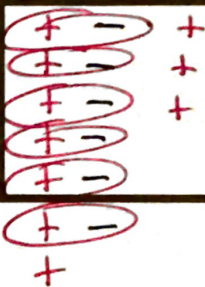
9.

$$(-8) + 4 = \underline{-4}$$


12.

$$(-3) + 2 + 2 = \underline{\quad}$$


15.

$$7 + (-6) + 3 = \underline{4}$$


10.

$$1 + (-6) = \underline{\quad}$$

13.

$$5 + (-3) + 2 = \underline{4}$$


BATTLE or RECRUIT – Circle if the numbers will “battle” or “recruit” and then write the solution.

16. $6 + (-13) = \underline{\quad}$ Battle of Recruit

21. $16 + (-10) = \underline{6}$ **Battle** of Recruit

17. $-8 + 9 = \underline{1}$ **Battle** of Recruit

22. $-17 + (-10) = \underline{\quad}$ Battle of Recruit

18. $5 + 29 = \underline{\quad}$ Battle of Recruit

23. $-5 + (-3) + (-2) = \underline{-10}$ Battle of **Recruit**

19. $-25 + 20 = \underline{-5}$ **Battle** of Recruit

24. $12 + (-3) + (-10) = \underline{\quad}$ Battle of Recruit

20. $-4 + (-6) = \underline{\quad}$ Battle of Recruit

Practice. Write the answer to each question in the blank provided.

25. $-4 + (-17) = \underline{-21}$

30. $-17 + (-4) = \underline{\quad}$

35. $13 + (-7) + 5 = \underline{11}$

26. $19 + (-13) = \underline{\quad}$

31. $38 + 36 = \underline{74}$

36. $-6 + 15 + (-2) = \underline{\quad}$

27. $-26 + 15 = \underline{-11}$

32. $-4 + (-7) + 8 = \underline{\quad}$

37. $29 + (-18) + (-11) = \underline{0}$

28. $-12 + 18 = \underline{\quad}$

33. $22 + (-36) + 15 = \underline{1}$

29. $24 + (-31) = \underline{-7}$

34. $-8 + (-3) + (-1) = \underline{\quad}$

The following expressions represent Joe's bank account. Describe in words what is happening to his money. Use words such as **started with**, **spent**, **withdrew**, and/or **deposited** in your sentences.

38. $25 + (-4)$

39. $5 + 50$

Joe started with \$5
and deposited \$50.
Now he has \$55 total.

SPIRAL REVIEW

Write the integer that represents each situation.

40. A climber ascends 100 feet.

41. Miss Pyper withdraws \$50 from her bank account

-50

Evaluate.

42. $|12 - 8| + |6 + (-2)| =$

44. $\frac{(4 + 2)^2 - 6 + 10}{7(10 - 5) \cdot 2}$

43. $|-20| + |-9| = 29$