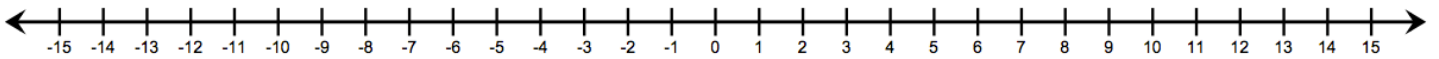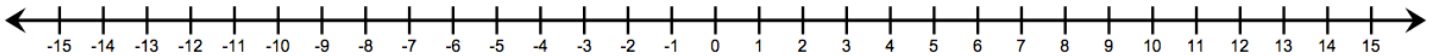# HW 1-3
ADDING INTEGERS

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.
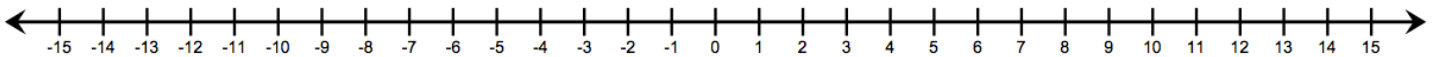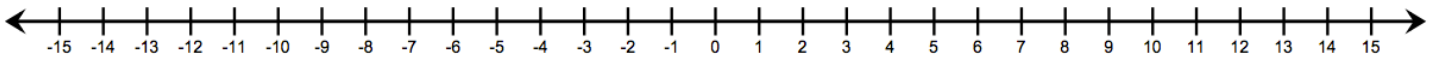
1. $5+7=$ _____

2. $-3+(-7)=$ _____

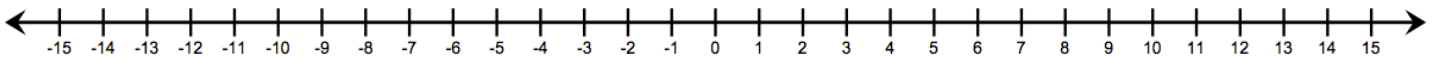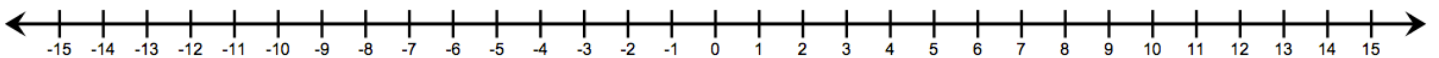3. $-4+(-8)=$ _____

4. $-4+8=$ _____
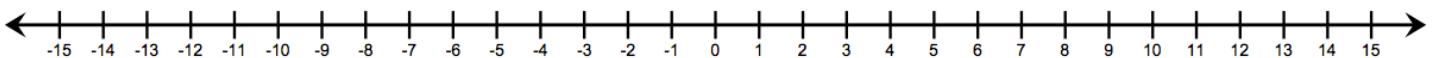
5. $-8+6=$ _____

6. $-7+12+(-6)=$ _____

7. $5+(-7)+(-6)=$ _____

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

8.

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

11.

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

14.

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

9.

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

12.

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

15.

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

10.

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

13.

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

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

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

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

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

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

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

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

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

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

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

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

25. $-4+(-17)=$ _____

30. $-17+(-4)=$ _____

35. $13+(-7)+5=$ _____

26. $19+(-13)=$ _____

31. $38+36=$ _____

36. $-6+15+(-2)=$ _____

27. $-26+15=$ _____

32. $-4+(-7)+8=$ _____

37. $29+(-18)+(-11)=$ _____

28. $-12+18=$ _____

33. $22+(-36)+15=$ _____

29. $24+(-31)=$ _____

34. $-8+(-3)+(-1)=$ _____

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. $5+50$

SPIRAL REVIEW
Write the integer that represents each situation.

40. A climber ascends 100 feet.

41. Miss Pyper withdraws $50 from her bank account

Evaluate.

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

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

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