

HW 1-4

Subtracting Integers

Unit

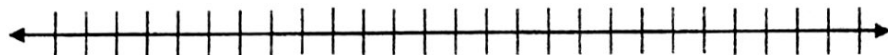
Int 1

Subtract integers using a number line. Show where you START, what WAY YOU GO, and where you END.

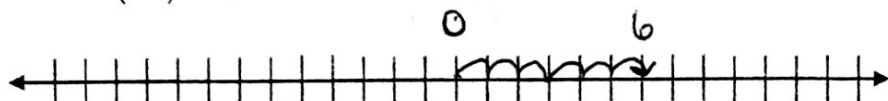
1. $8 - 2 = 6$



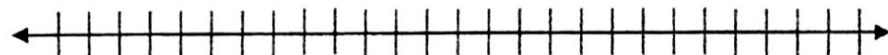
2. $4 - 7 =$



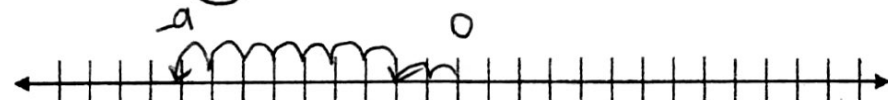
3. $0 - (-6) = 6$



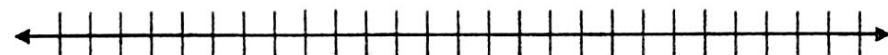
4. $-4 - 6 =$



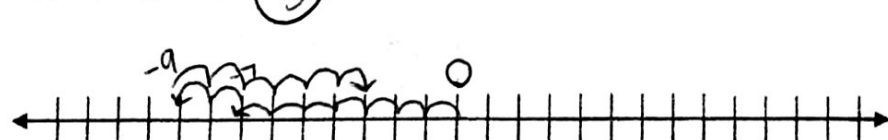
5. $-2 - 7 = -9$



6. $-8 - 4 =$



7. $-7 - 2 - 6 = -3$



Show, using a Chip board, what happens when you subtract integers.

8. **Chip Board**

$$6 - 3 =$$

9. **Chip Board**

$$-8 - (-4) = 4$$

$$-8 + 4 = 4$$

10. **Chip Board**

$$1 - (-6) =$$

11. **Chip Board**

$$-4 - (-7) = 3$$

$$-4 + 7 = 3$$

12. **Chip Board**

$$-5 - 4 =$$

13. **Chip Board**

$$5 - (-3) - 2 = 6$$

$$5 + 3 - 2 = 6$$

14. **Chip Board**

$$-6 - 2 + (-4) =$$

15. **Chip Board**

$$-3 - 2 + 2 = -3$$

$$-3 + -2 + 2 = -3$$

"Battle or Recruit" – Change each problem to an addition problem by "adding the opposite". Then solve.

16. $-6 - 7 =$ _____ the change

_____ the solution

17. $9 - 15 =$ $9 + -15$ the change

-6 the solution

18. $8 - (-12) =$ _____ the change

_____ the solution

19. $(-19) - 9 =$ $-19 + 9$ the change

-10 the solution

20. $20 - (-4) =$ _____ the change

_____ the solution

21. $-7 - (-10) =$ $-7 + 10$ the change

3 the solution

22. $-7 - 10 =$ _____ the change

_____ the solution

23. $18 - 20 =$ $18 + -20$ the change

-2 the solution

24. $18 - (-20) =$ _____ the change

_____ the solution

Practice.

25. $-8 - 16 = -24$

26. $21 - 32 =$

27. $-25 - (-18) = -7$

28. $53 - (-7) =$

29. $-6 - 11 = -17$

30. $-13 - (-23) =$

31. $-9 - 32 = -41$

32. $-62 - (-14) =$

33. $-19 - 14 = -33$

34. $-71 - 26 =$

35. $-7 - (-5) = -2$

36. $-31 - (-36) =$

37. $-13 - 15 = -28$

38. $-9 - 5 =$

39. $-91 - 25 = -116$

40. $-71 - 31 =$

41. $-83 - (-23) = -60$

42. $-26 - 39 =$

43. $12 - (-38) = 50$

44. $-24 - (-13) =$

45. $-12 - (-12) = 0$

46. $7 - (-52) =$

47. $12 - (-13) = 25$

48. $-22 - (-11) =$

49. $-25 - 7 = -32$