

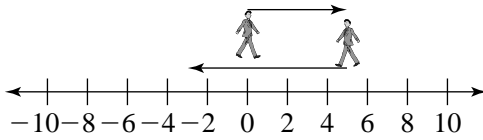
Reteaching 11-4

Subtracting Integers

To subtract an integer, add the opposite.

Example 1: Subtract $5 - 8$.

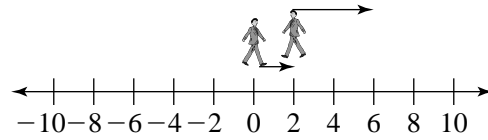
Add the opposite: $5 + (-8)$



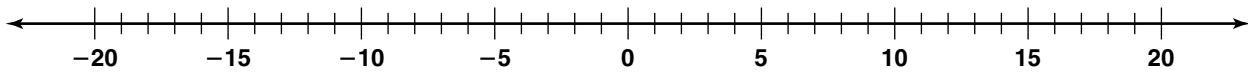
$$5 - 8 = -3$$

Example 2: Subtract $2 - (-4)$.

Add the opposite: $2 + 4$



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



Use a number line. Find each difference.

- | | | |
|----------------------|----------------------|------------------------|
| 1. $3 - (-6)$ _____ | 2. $2 - (-4)$ _____ | 3. $-1 - 2$ _____ |
| 4. $-3 - (-5)$ _____ | 5. $-8 - (-3)$ _____ | 6. $4 - (-4)$ _____ |
| 7. $-8 - 2$ _____ | 8. $8 - (-2)$ _____ | 9. $-8 - (-2)$ _____ |
| 10. $-7 - 4$ _____ | 11. $-10 - 2$ _____ | 12. $-5 - (-5)$ _____ |
| 13. $-5 - 6$ _____ | 14. $9 - (-3)$ _____ | 15. $-11 - (-6)$ _____ |

Find each difference.

- | | | |
|-----------------------|------------------------|------------------------|
| 16. $15 - (-4)$ _____ | 17. $-12 - 3$ _____ | 18. $21 - (-7)$ _____ |
| 19. $3 - (-12)$ _____ | 20. $-2 - 10$ _____ | 21. $-13 - 13$ _____ |
| 22. $5 - (-5)$ _____ | 23. $18 - (-10)$ _____ | 24. $-7 - (-13)$ _____ |
| 25. $14 - 16$ _____ | 26. $3 - 15$ _____ | 27. $-6 - (-9)$ _____ |