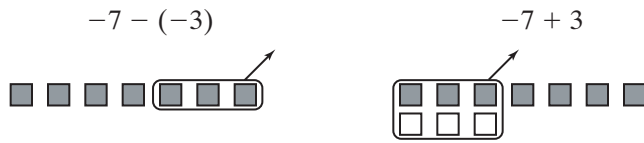


Reteaching 1-6

Subtracting Integers

a. Find $-7 - (-3)$ and $-7 + 3$. Compare.

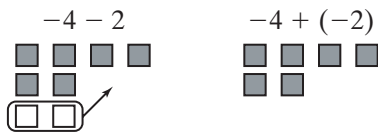


Start with 7 negative tiles and take away 3 negative tiles.

Add three positive tiles. Remove zero pairs.

With both you start with 7 negative tiles. Taking away 3 negative tiles has the same effect as adding 3 positive tiles and removing zero pairs.
 $-7 - (-3) = -7 + 3 = -4$

b. Find $-4 - 2$ and $-4 + (-2)$. Compare.



With both you start with 4 negative tiles. Adding two zero pairs and taking away two positive tiles has the same effect as adding two negative tiles.

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

Use rules for subtracting integers to find each difference. Use tiles to help.

1. $-5 - (-3) = -5 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
2. $-8 - 6 = -8 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
3. $3 - (-9) = 3 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
4. $-2 - (-7) = -2 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
5. $4 - 10 = 4 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
6. $1 - (-6) = 1 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
7. $-9 - 5 = -9 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
8. $-6 - (-2) = -6 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
9. $7 - 8 = 7 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$