

Adding Integers

Pairs Activity

- Lloyd is a very lucky boy. He has \$3 in one pocket and \$6 in another pocket. Altogether he has \$9. How much does he have altogether?
- Michelle is lucky too, but not quite so lucky. She has \$6 in one pocket, but a bill for \$4 in another pocket. After paying off her bill, how much does she have left?
- Reece is unlucky. He has \$5 in one pocket, but a bill for \$9 in another pocket. He pays as much of the bill as he can, but is still in the red. How much more does he still owe?
- Krissie is *really* unlucky. She has a bill for \$3 in one pocket and a bill for \$8 in another. How much does she owe altogether?
- If we say money is positive, and a bill is negative, we can write a number sentence for each of the above situations. For (b), for example, we can write
$$6 + ^{-}4 = 2$$

Write the number sentence for each of the other situations.

On Your Own

- How much does Sarah have altogether if:
 - she has \$5 in one pocket and \$6 in another pocket?
 - she has \$11 in one pocket and a bill for \$7 in another pocket?
 - she has \$8 in one pocket, \$3 in another pocket and a bill for \$5 in a third pocket?
- How much does Sarah owe if:
 - she has \$5 in one pocket and a bill for \$15 in another pocket?
 - she has a bill for \$6 in one pocket and a bill for \$7 in another pocket?
 - she has a bill for \$1 in one pocket, a bill for \$4 in another pocket, and a bill for \$13 in a third pocket?
- Write each of these as a number sentence.
 - Sharleigh has \$4 in one pocket and \$8 in another.
 - Sharleigh has a bill for \$9 in one pocket and \$14 in another.
 - Sharleigh has a bill for \$3 in one pocket and a bill for \$17 in another.
- Write a story about money and bills for each of these number sentences.
 - $5 + ^{-}6 = ^{-}1$
 - $^{-}3 + 9 = 6$
 - $^{-}2 + ^{-}3 + ^{-}4 = -9$
 - $^{-}5 + 5 = 0$
- Evaluate
 - $5 + ^{-}2$
 - $^{-}3 + ^{-}1$
 - $^{-}6 + 11$
 - $6 + ^{-}6$
 - $5 + ^{-}3 + 4 + ^{-}7$
 - $^{-}2 + ^{-}5 + ^{-}6$

Problem Solving

- Write the number in the box that makes the number sentence true.
 - $5 + \square = 7$
 - $4 + \square = ^{-}1$
 - $^{-}3 + \square = 5$