

Lesson 8 Assessment

Subtracting Integers

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Models subtracting a positive integer from a positive integer

$$5 - 2$$

" $5 - 2 = 3$ "

Subtracts a negative integer from a positive integer using the "add a zero pair" strategy

"I can't remove two negative counters from five positive counters because there aren't any negative counters. I need to add the zero pair +2 and -2. Now I can remove two negative counters. So, $5 - (-2) = 7$ ".

Subtracts a negative integer from a negative integer using models



" $-5 - (-3)$ is the same as adding 3 to -5 , so the arrow starts at -5 and moves 3 units to the right."

Subtracts two integers symbolically

$$\begin{aligned} -3 - (-5) &= -3 + 5 \\ &= 2 \end{aligned}$$

"Both numbers are negative, but the magnitude of the number being subtracted is greater, so the difference is positive."

Observations/Documentation