

Lesson 11: On Both of the Lines

Cool Down: Saving Cash

Andre and Noah started tracking their savings at the same time. Andre started with \$15 and deposits \$5 per week. Noah started with \$2.50 and deposits \$7.50 per week. The graph of Noah's savings is given and his equation is $y = 7.5x + 2.5$, where x represents the number of weeks and y represents his savings.

Write the equation for Andre's savings and graph it alongside Noah's. What does the intersection point mean in this situation?

