

# CHALLENGE

## Saving Money

Justin has \$342 but has started spending it at the rate of \$24 a week. Adriana only has \$87 but is saving \$17 a week. In about how many weeks will both people have about the same amount of money?

- Solve the problem using four different representations

1) *Table*

2) *Graph* (graph on graph paper and label axis, units, use straight edge, mark on the graph where they have the same amount of money)

3) *Equation(s)* – algebraic method

4) *Verbalize* – explain in words mathematically what is happening.

