Go over quiz problems.

Classwork:

Lesson 2. page 11. Cost and Revenue. From the first two lines of this paragraph,
- Make a table of values for each of the cost and revenue formulas for the values of
  0, 1, 2, 10, and 20 barrels of fish.
- Set up the axes needed to make graphs of both of these formulas on the same axes
  and see if your graph matches the one in the book.
- Use the graph to estimate the coordinates of the intersection point.
- Use algebra to find the x-coordinate of the intersection point by setting the Cost
  formula equal to the Revenue formula and solve for x.
- Use either of the equations and that x-value to find the y-value of the intersection
  point.
- Use the phrase “break-even” to describe something about what you have just
  found.

<table>
<thead>
<tr>
<th>x= barrels of fish</th>
<th>C = Cost</th>
<th>R = Revenue</th>
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Lesson 2. pages 16-21. Problem 1. Read the second story. What graph does this go
with? Talk with each other. Then talk with each other about the first story. Which
graph? Finish all four parts of problem 1.

Lesson 2, pages 16-21, problem 5. How would you verify this was an intersection point
numerically? How would you verify that this is an intersection point graphically?

Lesson 2, pages 16-21, problem 7. Read this and try to do it. If you get stuck:
Restate the problem by defining a “bucket” of fish to be 1000 fish and asking the
question in terms of “buckets”. Make a Revenue formula in terms of “buckets” of fish.
Make a Cost (expenses) formula. How can you find out how many buckets it takes for
the expenses and revenue to be equal?

Homework:
- Lesson 2. pages 16-21. 1, 2, 3, 4ab, 5a, 7, 8

Quiz 17 to be turned in at the beginning of the next class.
- Lesson 1, pages 7-9, problem 5. There are four graphs and four stories. Match
  them. Then, for your answer, look at the four blanks in front of the four stories.
  Each should have a letter in it. Tell me those four letters, in the right order.