

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.

x= barrels of fish	C = Cost	R = Revenue

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.
- Lesson 2, pages 17-21. 3, 9.