

Watery Planet

Name: _____

Date: _____

Mystery 1: How much water is in the world?

End of Mystery Assessment

ANSWER KEY

1. Were you surprised at how little fresh water there is compared to salt water? Why or why not?

Answers will vary but should include the student's reasoning, e.g. "I was surprised because I thought there would be more water from lakes."

2. In the activity, you estimated the amount of water by using little squares to measure area. If a square had mostly water but only a little land, we pretended it was all water. If a square had mostly land but a little water, we pretended it was all land. How could you have made the estimate more exact?

LESS sophisticated response:

I could have made the estimate more exact by not treating squares as "all land" or "all water."

MORE sophisticated response:

There are different ways I could have made the estimate more exact. I could have counted half-squares instead of treating squares as "all land" or "all water." I could have used even smaller squares. Or, I could try to find a map that shows how deep the water is instead of just area.