Lesson 2: Proportional Relationships

Problem Set

1. A cran-apple juice blend is mixed in a ratio of cranberry to apple of $3$ to $5$.
	1. Complete the table to show different amounts that are proportional.

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| **Amount of Cranberry** |  |  |  |
| **Amount of Apple** |  |  |  |

* 1. Why are these quantities proportional?
1. John is filling a bathtub that is $18$ inches deep. He notices that it takes two minutes to fill the tub with three inches of water. He estimates it will take $10$ more minutes for the water to reach the top of the tub if it continues at the same rate. Is he correct? Explain.