Answer on Question #67882 – Math – Algebra

Question

A baker filled a measuring cup 3/4 cup water he poured 1/2 of the water into the batter , and then spilled 1/8 cup of water on the floor. how much water will the baker need to add to what is left in the cup to have 50% more than what he started with%

Solution

1/2 of water in the cup is 0.5 * 3/4 = 3/8

3/8 – 1/8 = 2/8 – amount of water in the cup at the end of operations

50% more than at the start is 3/4 + 3/8 = 9/8 – amount that we need

9/8 – 2/8 = 7/8

Answer:

Baker will need 7/8 cup of water.