Exit Ticket: Z-Scores to Proportions

Name: _____ **Date:** _____

1. Given $\mu = 48.5$g and $\sigma = 1.2$g, calculate the z-score for a Reese's cup weighing 47g. Then find the proportion of cups weighing **LESS** than 47g.

2. Using the same distribution ($\mu = 48.5$g, $\sigma = 1.2$g), what proportion of Reese's cups weigh **MORE** than 50g?

3. Interpret your answer from #2 in context.

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