3 Act Math:

Sweet Tart Hearts

Act 1:

- How many sweet tart hearts of each color? Write down an estimate.

  Green: Pink: Orange:

  Blue: Purple:

- What is a number you know is too low for the total amount of sweet tart hearts?

- What is a number you know is too high for the total amount of sweet tart hearts?

Act 2:

- What information would be helpful in solving this problem?

- How many total sweet tart hearts (this should match the total of your answer of each color) ?

- How many of each color do you think there are based on the fraction pictures?

  Green: Pink: Orange:

  Blue: Purple:

Act 3

- How reasonable was your estimate?

- What might you do differently if you were to do this again?

- How likely do you think it would be to get the same results from a second bag?