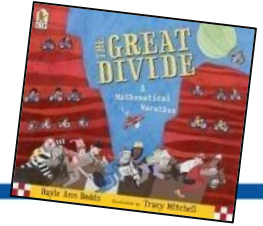


The Great Divide

Materials: copy of *The Great Divide A Mathematical Marathon* by Dayle Ann Dodds



1. After listening to (or reading) the story, *The Great Divide A Mathematical Marathon*, choose a number between 20 and 100. Your task is to create an original story map about this number of competitors in a cross-country race.
2. Illustrate and label the obstacles the competitors in your story map encounter. Write an equation to show how many are left after each new challenge divides the competitors in half.
3. Consider the following: How will you deal with the remainder of one in your story map when you need to split an odd number in half? What will happen to the one competitor?