

Name _____ Date _____

Description of Investigation and Student Report
Be an Investigator

A newspaper is planning an article about a horse race. The editor of the newspaper wants you to make a diagram showing the position of all the horses as the winning horse crossed the finish line. The winning horse's name is Black Jet. The editor has data that tells how many horse lengths behind Black Jet each of the horses was as Black Jet crossed the finish line. The editor would like you to make a number line to show the position of each horse as Black Jet crossed the finish line. Use one inch for the length of a horse on the number line.

Information**Horse Race Results**

Winning Horse: Black Jet

Moon Shadow: 3 lengths behind Black Jet

Swiftly: $\frac{1}{2}$ length behind Black JetLast Chance: $2\frac{1}{2}$ lengths behind Black JetSatin Dream: $\frac{1}{4}$ length behind Black JetSapphire Surprise: $2\frac{3}{4}$ lengths behind Black Jet

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Here is a number line that shows the position of each horse as Black Jet crossed the finish line.