Problem-Based Task 6.2.2: Movie Buzz

Coaching

a. Create a scatter plot of the given data.

b. Look at the shape of the scatter plot. Is the data linear or exponential?

c. Graph the equations $y = 5^x$ and $y = 200x - 200$ on the scatter plot with the data.

d. Which equation is a better fit for this data?

e. Use this equation to estimate the number of people who will see the movie on the fifth day.

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