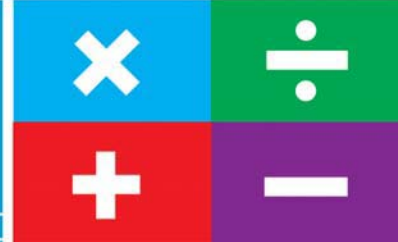
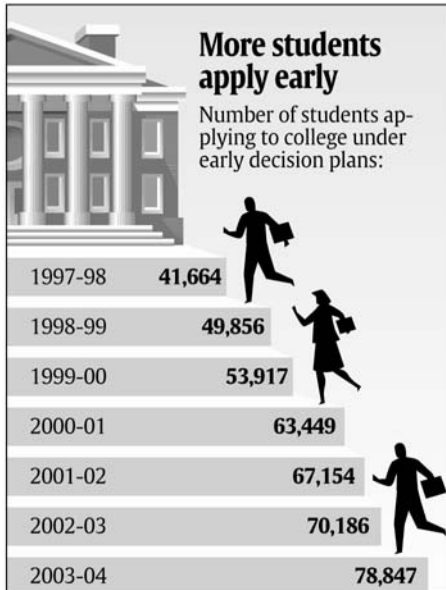


MATH TODAY™ Student Edition



Activity 3: More students apply early



Focus Questions:

- Q. What is the average increase in the number of students that are applying early for the time period shown in the USA TODAY Infograph?
- Q. What is the linear function modeling this data set?
- Q. What does the slope and y -intercept mean in the early decision-year scenario?
- Q. Determine the total number of students that are expected to apply for early decision for the period from 2004 through 2007.

Activity Overview:

The USA TODAY Infograph "More students apply early" will be used to explore mathematical models that will best fit the data for the time period shown. You will find the equation for the models and then look at the advantages and limitations for each model. You will determine the average increase per year for the number of students that are applying under the early decision plan. Finally, you will determine the total number of students applying for a given time period.

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