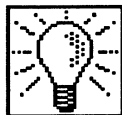
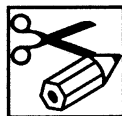


## Top Hits

Leader



Gain experience in gathering, finding, and interpreting data.



You will need:

- A copy of the list of hit songs of the week from a local record store or any large record department. This list usually contains 50 hit songs, the performing artist, and the position of popularity for the current week and the preceding week.



A shorter list may also be found in the weekly *Jet Magazine*.



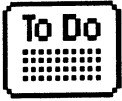
Do this:

- Students are to complete the exercises on the Student Page.
- The hit songs list may also become the basis of mathematical investigations that emphasize various skills. You may wish to correlate language skills and study skills.
- Polling the student's musical likes and dislikes is another variation. You may also wish to include fractions and percents.



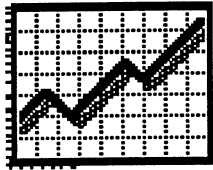
Immerzeel, George, and Melvin L. Thomas, comp. "Ideas," *Arithmetic Teacher*. March 1981.

Student \_\_\_\_\_



Do this:

- Use the list of hit songs to complete the exercises below.
- Finding Data
  1. Name the group with more than one hit song on the list this week.
  2. Name the song with the longest song title.
  3. Which artists appear on the list sing duets?
  4. Name all the song titles that use some form of the word *dance*.



- Interpreting Data
  1. Which songs have gone up in the ratings since last week?
  2. Which song rose the most in popularity?
  3. How many songs stayed the same?
  4. Which song dropped the most?
  5. How many more groups are there on the list than single performers, or vice versa?
  6. What is the average length of a song title?

**EXTENSION**

Follow one song on the chart for five weeks and draw a bar graph showing its different positions.



**WHAT I FOUND**