

Glencoe Curriculum Portfolio Activities—Unit 8



Math 2

Create a database to track allowances and savings.

Each of the students in the table below receives a weekly allowance, and they are trying to save a portion of the money they receive each week. Create a database to calculate how much money each of the following students will have at the end of 26 weeks (6 months) if they save 80% of their weekly allowances.

Student	Weekly Allowance
Alejandro	\$5.00
Benjamin	\$7.50
Kathleen	\$4.00
Nicole	\$8.00
Shawn	\$6.00

Be sure to enter the correct headings in the database. Carefully enter the formulas for calculating the savings of each student. One column in the database should show weekly savings. Another column should show total savings for 26 weeks.

When you have finished entering the data and calculating the savings, edit the database to add two more students. Justin receives a weekly allowance of \$5.50 per week, but saves only 50% of his allowance. Hiroshi receives \$8.00 per week and saves 75% of his allowance.

Show that you can sort the database in the order of the students with the greatest savings at the end of the 6 months.

For help in calculating percentages and in multiplying, refer to *Glencoe Mathematics: Applications and Connections, Course 1*.

Resource:

Glencoe Mathematics: Applications and Connections, Course 1, pp. 12-14, 340-342

Topics: Percentages; Adding whole numbers