

# 2 TAKS PRACTICE

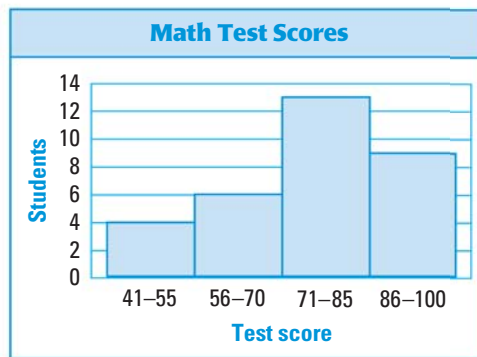
## PRACTICE FOR TAKS OBJECTIVE 10

- A shoe store is setting up a display of 100 pairs of shoes. Each shelf of the display can hold 13 pairs of shoes. What is the best method for determining the number of shelves that will be needed?
  - Find the remainder when 100 is divided by 13.
  - Round 13 to 10 and divide 100 by 10.
  - Divide 100 by 13 and round up.
  - Divide 100 by 13 and round down.
- An ice cream store sells a variety of ice cream flavors and toppings. How can you best determine the number of combinations of an ice cream flavor and a single topping that you can choose?
  - Add the number of toppings to the number of flavors.
  - Raise the number of flavors to the power of the number of toppings.
  - Multiply the number of flavors by the number of toppings.
  - Not here
- You have a plane ticket for a flight that departs at 1:30 P.M. You must get to the airport 1 hour before departure, and it takes 45 minutes to reach the airport from your house. Which of the following is the most reasonable time to leave your house?
  - 9:00 A.M.
  - 10:30 A.M.
  - 11:15 A.M.
  - 12:00 P.M.
- Sam claims that  $x^2 \geq x$  for all values of  $x$ . Which value of  $x$  proves Sam wrong?
  - 2
  - 1
  - 0
  - $\frac{1}{2}$

- A server at a restaurant earns between \$25 and \$35 each hour when tips are added to wages. Today the server is working a 5 hour shift. Which of the following is the most reasonable estimate for the amount of money the server will earn?
  - \$75
  - \$100
  - \$150
  - \$200

## MIXED TAKS PRACTICE

- The histogram shows the scores on a recent math test. Which of the following statements is supported by the information in the histogram? *TAKS Obj. 9*



- More students scored less than 80 than scored greater than 80.
  - More students scored less than 71 than scored greater than 85.
  - A majority of students scored greater than 80.
  - There are 25 students in the class.
- Simplify the algebraic expression  $5(x + 1) - 2(4x - 2)$ . *TAKS Obj. 2*
    - $-3x + 1$
    - $-3x + 9$
    - $x + 1$
    - $3x + 9$