




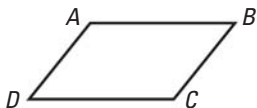
# 1 TAKS PRACTICE

## PRACTICE FOR TAKS OBJECTIVE 10

- A train leaves at 10 A.M. and travels 500 miles to a destination in the same time zone. Which of the following pieces of information would allow you to estimate the time the train arrives at its destination?
  - The destination of the train
  - The direction the train travels
  - The average speed of the train
  - The time zone in which the train travels
- Based on the pattern, how many squares would the diagram in step 6 have?

Step number	Diagram	Number of squares
1		1
2		3
3		6

- 15
  - 18
  - 21
  - 24
- $ABCD$  is a parallelogram.



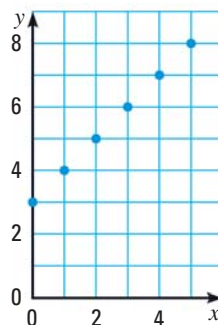
Which of the following is NOT a valid conclusion?

- $AB = CD$
- $\overline{AB} \parallel \overline{DC}$
- $CD = AC$
- $m\angle C + m\angle D = 180^\circ$

- A math class includes only sophomores, juniors, and seniors. On one test, the average score for the sophomores was 78, the average score for the juniors was 85, and the average score for the seniors was 82. What information would allow you to determine the average score of the entire class?
  - The total number of students in the class
  - The greatest and least scores on the test
  - The number of sophomores, juniors, and seniors in the class
  - Not here

## MIXED TAKS PRACTICE

- You received a \$75 gift certificate to a music store for your birthday. The store's CDs cost \$15 each, and the DVDs cost \$20 each. You've already bought 2 CDs. Which inequality represents the number of DVDs,  $d$ , that you can buy? **TAKS Obj. 1**
  - $2 + 20d \leq 75$
  - $30 + 20d \leq 75$
  - $30d + 20 \geq 75$
  - $2 + 20d \geq 75$
- Which function is shown in the graph? **TAKS Obj. 1**



- $y = x - 3$
- $y = x + 3$
- $y = 2x + 2$
- $y = 4x + 2$