

**LEVEL 300**

1986

**Moderately Complex  
Procedures and Reasoning**

Age 9	Age 13	Age 17
0.6	15.9	51.1

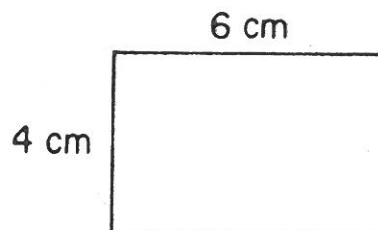
Students performing at or above Level 300 demonstrate more sophisticated numerical reasoning, and are beginning to draw from a wider range of mathematical skill areas, including algebra and geometry. A set of sample items representative of Level 300 performance is provided below.

Which of the following is true about 87% of 10?

- It is greater than 10.
- It is less than 10.
- It is equal to 10.
- Can't tell.
- I don't know.

If  $7x + 4 = 5x + 8$ , then  $x =$

- 1
- 2
- 4
- 6



What is the area of this rectangle?

- 4 square cm
- 6 square cm
- 10 square cm
- 20 square cm
- 24 square cm
- I don't know.