

70. Evaluate the expression below for  $y = 14$ .

$$\frac{1}{2}y + 2y - 0.5$$

$$\frac{1}{2}(14) + 2(14) - 0.5$$

- A. 35
- B. 34.5**
- C. 23.5
- D. 13.5

71. The number of bacteria in a dish is tripling every 10 minutes. The dish starts with 1 bacterium.

How many bacteria will be in the dish after 1 hour?

- A. 729**
- B. 629
- C. 323
- D. 243

0	1		
10	$1 \times 3 = 3$	10	$81 \times 3 =$
10	$3 \times 3 = 9$		243
10	$9 \times 3 = 27$	10	$243 \times$
10	$27 \times 3 = 81$		3

72. A worker at the fair said that everyone in line for a ride when it closed down would get a chance to ride. The line started with 53 people. Every time the ride stopped, the worker counted the number of people remaining in line and noticed a pattern.

53, 47, \_\_, \_\_, \_\_, 23, 17

subtract 6 each time.

How many people were left in line when he made his third, fourth, and fifth counts, shown by the blanks above?

41, 35, 29

- A. 45, 39, 33
- B. 43, 37, 31
- C. 41, 35, 29**
- D. 39, 33, 27