



5-Minute Check

Transparency 5-2

(over Lesson 5-1)

BE-1A THURSDAY 2-8-07

Determine the slope of the line that passes through each pair of points.

1. $(3, 5), (7, 12)$
2. $(-2, 4), (5, 4)$
3. $(-3, 6), (2, -6)$
4. $(7, -2), (7, 13)$
5. In 1995, there were 12,458 fish in Hound's Tooth Lake. After years of drought, there were only 968 fish in 2000. Find the rate of change in the population of fish for 1995–2000. **HINT:** $(1995, 12458), (2000, 968)$
6. **Standardized Test Practice** Determine the value of r so that the slope of the line through $(r, 4)$ and $(1, r)$ is $\frac{1}{2}$?

(A) -2 (B) 2 (C) 3 (D) 7

ANSWERS

1. $\frac{7}{4}$
2. 0
3. $-\frac{12}{5}$
4. undefined
5. -2298 fish/year
6. C