Slope and y-intercept from Equation

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Determine the slope and the y–intercept.

1) $y = 5x + 9$ 1) _____

A) Slope 9, y–intercept $(0, -5)$
B) Slope -5, y–intercept $(0, 9)$
C) Slope 9, y–intercept $(0, 5)$
D) Slope 5, y–intercept $(0, 9)$

2) $y = -4.5x - 5$ 2) _____

A) Slope -5, y–intercept $(0, -4.5)$
B) Slope -5, y–intercept $(0, 4.5)$
C) Slope -4.5, y–intercept $(0, -5)$
D) Slope 4.5, y–intercept $(0, -5)$

3) $2x - 3y = -6$ 3) _____

A) Slope -1, y–intercept $(0, 2)$
B) Slope 1, y–intercept $(0, -2)$
C) Slope $-\frac{2}{3}$, y–intercept $(0, -2)$
D) Slope $\frac{2}{3}$, y–intercept $(0, 2)$

4) $6x - 8y = 8$ 4) _____

A) Slope $\frac{3}{4}$, y–intercept $(0, -1)$
B) Slope -1, y–intercept $(0, -1)$
C) Slope 1, y–intercept $(0, +1)$
D) Slope $-\frac{3}{4}$, y–intercept $(0, +1)$

5) $3x - 5y = -5$ 5) _____

A) Slope -1, y–intercept $(0, 1)$
B) Slope 1, y–intercept $(0, -1)$
C) Slope $-\frac{3}{5}$, y–intercept $(0, -1)$
D) Slope $\frac{3}{5}$, y–intercept $(0, 1)$

6) $3x - 6y = -18$ 6) _____

A) Slope $-\frac{1}{2}$, y–intercept $(0, -3)$
B) Slope -2, y–intercept $(0, 3)$
C) Slope $\frac{1}{2}$, y–intercept $(0, 3)$
D) Slope 2, y–intercept $(0, -3)$

7) $4x - 5y = 10$ 7) _____

A) Slope $\frac{4}{5}$, y–intercept $(0, -2)$
B) Slope 1, y–intercept $(0, +2)$
C) Slope -1, y–intercept $(0, -2)$
D) Slope $-\frac{4}{5}$, y–intercept $(0, +2)$

Answer Key
Testname: SLOPE AND Y-INTERCEPT FROM EQUATION

1) D
2) C
3) D
4) A
5) D
6) C
7) A