

Answer Key

Testname: ARROWSMITH_MATH103_TEST1_PRETEST

1) {77}
ID: IA10L 2.1.2-7+

2) {-29}
ID: IA10L 2.1.4-5+

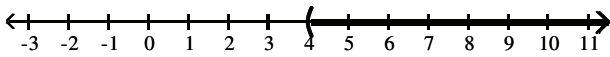
3) $b_1 = \frac{2A - hb_2}{h}$

ID: IA10L 2.2.2-6

4) $7x - 2x = 50$; 10
ID: IA10L 2.3.2-2+

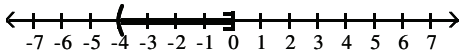
5) 863 votes
ID: IA10L 2.3.5-4+

6) $(4, \infty)$



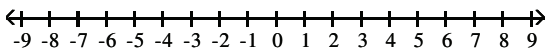
ID: IA10L 2.5.2-5

7) $(-4, 0]$



ID: IA10L 2.5.3-4+

8) \emptyset

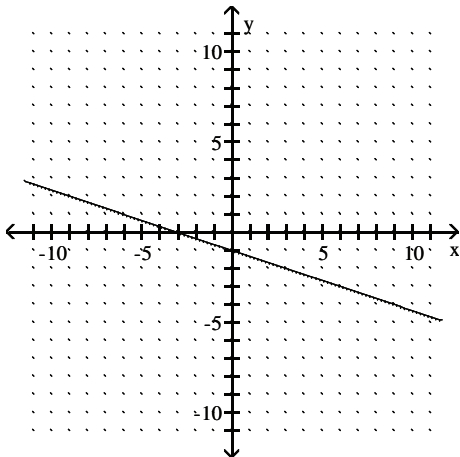


ID: IA10L 2.6.3-9+

9) {-39, -9}
ID: IA10L 2.7.1-7

10) [-5, 1]
ID: IA10L 2.7.4-3+

11) $(-3, 0)$; $(0, -1)$



ID: IA10L 3.1.6-2+

12) $\left(0, \frac{1}{2}\right)$
ID: IA10L 3.1.7-3

13) $\frac{5}{3}$
ID: IA10L 3.2.2-3+

14) Perpendicular
ID: IA10L 3.2.6-1+

15) $4x - 5y = -25$
ID: IA10L 3.3.5-4

16) $y = -\frac{3}{7}x + \frac{31}{7}$
ID: IA10L 3.3.7-2+

17) 7
ID: IA10L 3.5.5-3

18) $f(x) = \frac{5 - 5x}{-6}$
ID: IA10L 3.5.6-1