

Answer Key

Testname: ARROWSMITH_MATH103_S09_TEST1

1) {16}

ID: IA10L 2.1.2-7+

2) {-11}

ID: IA10L 2.1.4-5+

3) $h = \frac{S - 2\pi r^2}{2\pi r}$

ID: IA10L 2.2.2-2

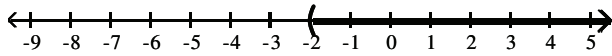
4) $7x - 3x = 32; 8$

ID: IA10L 2.3.2-2+

5) 1561 votes

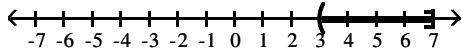
ID: IA10L 2.3.5-4+

6) $(-2, \infty)$



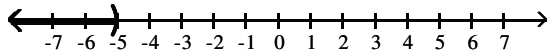
ID: IA10L 2.5.2-5

7) $(3, 7]$



ID: IA10L 2.5.3-4+

8) $(-\infty, -5)$



ID: IA10L 2.6.3-6+

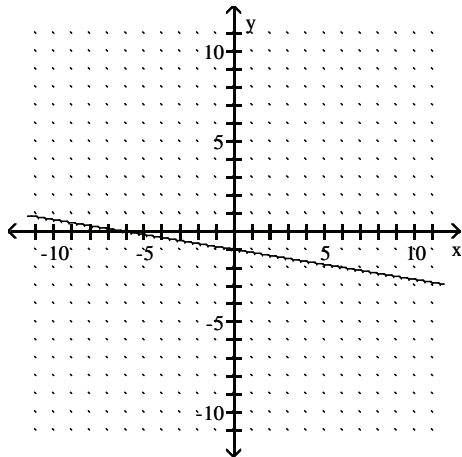
9) {-49, 21}

ID: IA10L 2.7.1-7

10) $[0, 6]$

ID: IA10L 2.7.4-3+

11) $(-6, 0); (0, -1)$



ID: IA10L 3.1.6-2+

12) $\left(\frac{3}{2}, -2\right)$

ID: IA10L 3.1.7-3

13) $-\frac{14}{13}$

ID: IA10L 3.2.2-3+

14) Perpendicular

ID: IA10L 3.2.6-1+

15) $4x - 5y = -15$

ID: IA10L 3.3.5-4

16) $y = 9$

ID: IA10L 3.3.7-5+

17) 22

ID: IA10L 3.5.5-3

18) $f(x) = \frac{6 - 9x^2}{7}$

ID: IA10L 3.5.6-2