

Answer Key

Testname: ARROWSMITH_MATH120_S08_TEST3_PRETEST

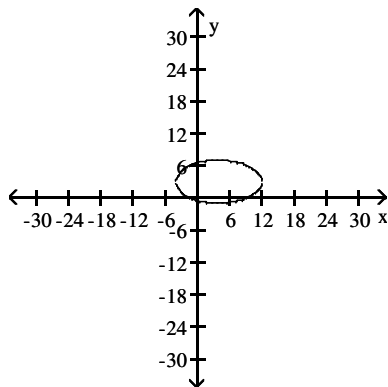
1) $2\sqrt{37}$

ID: CA9L 2.1.1-4+

2) Yes

ID: CA9L 2.1.3-1+

3)



ID: CA9L 6.2.2-6

4) C: (0, 0); F: (0, -25), (0, 25); A: $y = \frac{3}{4}x$, $y = -$

$\frac{3}{4}x$

ID: CA9L 6.3.3-2+

5) Increasing $(-\infty, 4]$; Decreasing $[4, \infty)$

ID: CA9L 2.2.15-6

6) -9

ID: CA9L 2.2.11-1+

7) $-\frac{1}{3}$

ID: CA9L 2.3.4-2+

8) 43.5 ft per minute

ID: CA9L 2.3.9-2+

9) $-7x + 8y = 24$

ID: CA9L 2.4.2-1+

10) $y = -\frac{7}{6}x + \frac{103}{6}$

ID: CA9L 2.4.2-6+

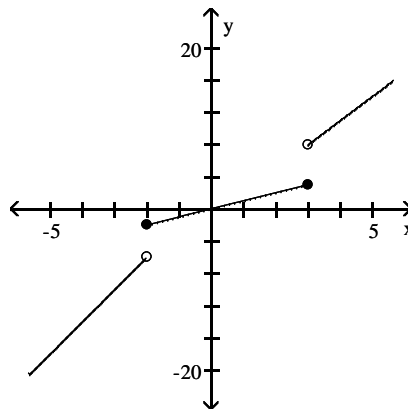
11) $y = 630x + 88,030$

ID: CA9L 2.4.5-2+

12) -23

ID: CA9L 2.5.3-4+

13)

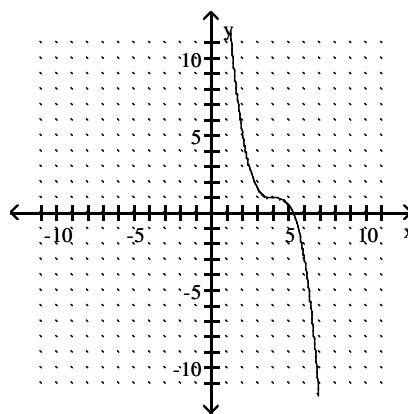


ID: CA9L 2.5.4-3

14) y-axis only

ID: CA9L 2.6.6-5+

15)



ID: CA9L 2.6.8-3+

16) $x = -3$

ID: CA9L 3.1.2-3+

17) $2x + 3$

ID: CA9L 2.7.1-1+

18) 6

ID: CA9L 2.7.4-1

19) $f^{-1}(x) = -\frac{1}{7}x + \frac{1}{7}$

ID: CA9L 4.1.7-2