

Answer Key

Testname: ARROWSMITH\_MATH102\_S08\_TEST2\_PRETEST

1) -2

ID: SMA7A 5.2.2-6+

2) -324

ID: SMA7A 5.2.3-10+

3)  $\frac{121}{20}$

ID: SMA7A 5.3.5-4+

4)  $\frac{58}{99}$

ID: SMA7A 5.3.6-2+

5) Rational

ID: SMA7A 5.4.1-5+

6) Associative property

ID: SMA7A 5.5.1-4+

7)  $3x + 12$

ID: SMA7A 5.5.2-1+

8) 169

ID: SMA7A 6.1.1-1+

9)  $4x - 10y + 5$

ID: SMA7A 6.2.1-7+

10) 1

ID: SMA7A 6.2.3-3+

11)  $5x + 8x = 16$

ID: SMA7A 6.4.2-2+

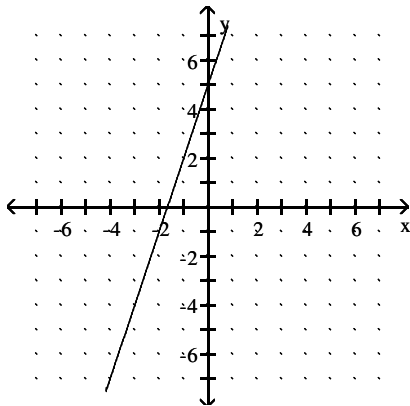
12) 72 games

ID: SMA7A 6.4.3-2+

13)  $A = (7, 3)$ ,  $B = (-3, 1)$

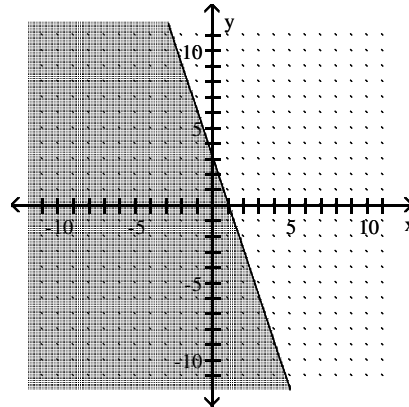
ID: SMA7A 6.7.2-1+

14)



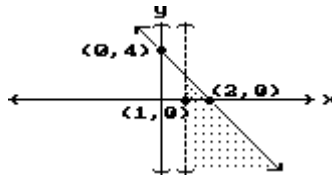
ID: SMA7A 6.7.5-1+

15)



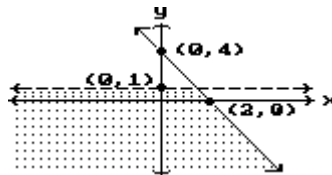
ID: SMA7A 6.8.1-1+

16)



ID: SMA7A 7.5.1-1

17)



ID: SMA7A 7.5.1-3

18) Maximum of 32 when  $x = 3$  and  $y = 2$

ID: SMA7A 7.6.1-1

19) 0 VIP and 24 SST

ID: SMA7A 7.6.2-1