

Algebra I Team Test Answers

- 1) $A = 8$
 $B = 36$
 $C = -64$
 $D = 11$
 $A + B + C + D = -9$
- 2) $A = 2$
 $B = -2$
 $C = -36$
 $D = 0$
 $A - B + C - D = -32$
- 3) $A = -12$
 $B = -3$
 $C = 244$
 $A + B + C = 229$
- 4) H, Surface Area = **216**
- 5) $A = 27$
 $B = -17$
 $C = 90.5$
 $D = 159.1$
 $A + B + C + D = 259.6$
- 6) $A = 4$
 $B = 6x^3y$
 $C = x^{13}y^7z^3$
 $ABC = 24x^{16}y^8z^3$
- 7) Lalitha's line: $y = -2x + 4$
Snitch's line: $y = -3/2 x + 6$
Intersection: $(-4, 12)$
 $A = 8$
 $B = -1$
 $A + B = 7$
- 8) $A = 1$
 $B = 4$
 $C = 105$
 $D = 20$
 $AB + CD = 2104$
- 9) $A = 55$
 $B = 2/3$
 $C = 42$
 $D = 57/55$
 $AD + BC = 85$

10) $A = \$135.15$

$B = \$8.48$

$A + B = \$143.63$

11) $A = \frac{1}{2}$

$B = 25/2$

$C = 48$

$D = 33600$

$A + B + C + D = 33661$

12) Constant = 14,

Blinks 49 times

13) $-1 + 3 + -1 + -1 = 0$