

## Alg 1d ANSWERS TO FINAL TEST

- 1)  $\pm 6m^2$                       2)  $\pm 8a^3b$                       3)  $\pm 11mn^2$
- 4)  $\pm (m - 10n)$                       5)  $\pm (2a - 5)$
- 6)  $3x^2 + x + 2$                       7)  $3a^2 + 2a - 1$
- 8)  $5a^2 \sqrt{2}$                       9)  $7 \sqrt{x}$                       10)  $3x \sqrt{x}$
- 11)  $-3.3$  and  $-6.7$                       12)  $-1.6$  and  $-6.4$
- 13)  $3/2$  ;  $-2/5$                       14)  $1/6$  ;  $-3/4$
- 15) The house is 28 feet wide and 52 feet long.
- 16) The Garden is 20 meters long and 13 meters wide
- 17) 100 pounds of cracked corn, 8 pounds of black sunflower seed, 8 pounds of striped sunflower seeds and 16 pounds of thistle seeds.
- 18) Henry sold 10 chickens at \$6.00, 10 at \$7.00, 6 at \$12.00, 6 at \$13.00 and 8 at \$15.00.