**REQUIRED SKILLS FOR ENTRANCE INTO HONORS ALGEBRA II**

**FROM ALGEBRA I 2015**

**ANSWER SHEET PART 1; DUE JULY 10TH**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Combining Like Terms, PEMDAS, Evaluating Expressions**

1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2a )\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4a)\_\_\_\_\_\_\_\_4b)\_\_\_\_\_\_\_\_\_

**Polynomials**

5a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5g)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5h )\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5j)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5k)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5m)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5n)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5o)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6g)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6h)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6j)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6k)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Rational Expressions**

10a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10b )\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10g)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10h)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10j)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10k)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10m)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10n)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10o)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Complex Rational Expressions**

10p)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10q)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Radicals**

11a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11g)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11h)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11j)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11k)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11m)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11n)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11o)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11p)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Equations**

12a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12g)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12h )\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12j)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12k)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12m)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12n)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12o)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12p)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12q)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12r)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Literal Equations**

12s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12t)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Quadratic Equations**

13a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 13b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 13c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 13e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 13f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Determining the nature of solutions for Quadratics Using Sets of Numbers**

14a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Inequalities**

15a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15g)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15h)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15j)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15k)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**REQUIRED SKILLS FOR ENTRANCE INTO HONORS ALGEBRA II**

**FROM ALGEBRA I 2015**

**ANSWER SHEET PART 2; DUE AUG 2ND**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Systems of Equations and Applications**

WRITE EQUATIONS AND SOLUTIONS ONLY. WORK ON LOOSE LEAF.

16a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16c)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16d)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16e)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16f)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16g)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16h)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16j)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16k)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16m)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16n)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16o)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16p)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16q)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16r)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16t)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16u)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16v)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16w)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16x)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16y)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16z)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16aa)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16bb)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16cc)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16dd)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16ee)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16ff)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16gg)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOLUTION(S)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**REQUIRED SKILLS FOR ENTRANCE INTO HONORS ALGEBRA II**

**FROM ALGEBRA I 2015**

**ANSWER SHEET PART 3; DUE SEPT 3RD**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Linear Equations**

17a)(1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 17a)(2)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 17a)(3)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17b)(1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 17b)(2)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 17b)(3)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17c)(1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17c)(2)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17c)(3)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17c)(4)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17c(5)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 18b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**LABEL ALL AXES AND POINTS ON GRAPHS.**

**Graphing Skills: Lines**

19a)



19b)



**Linear Inequalities**

20a)



20b)



**Systems of Linear Inequalities**

21a)



21b)



**Solving Linear Systems**

22a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 22b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_