

Algebra Review

Date _____ Period ____ Group # _____

Solve each equation.

1) $22 = 5 + r$

2) $b - 7 = -16$

3) $-18 = a - 3$

4) $14b = -252$

5) $-86 = -6(-3 - 3a) + 4$

6) $-123 = 5(1 - 5r) - 3$

7) $64 = 2(2 - 5k)$

8) $-102 = -6(p + 6) - 5p$

Sketch the graph of each line.

9) $8x - 5y = -15$

10) $10x - y = 5$

11) $x - 5y = -25$

12) $2x + y = 1$

- 13) Gabriella and Lisa are selling cookie dough for a school fundraiser. Customers can buy packages of chocolate chip cookie dough and packages of gingerbread cookie dough. Gabriella sold 6 packages of chocolate chip cookie dough and 5 packages of gingerbread cookie dough for a total of \$158. Lisa sold 12 packages of chocolate chip cookie dough and 6 packages of gingerbread cookie dough for a total of \$252. What is the cost each of one package of chocolate chip cookie dough and one package of gingerbread cookie dough?