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1.

2.

3.

4.

5.

6.

Page 15.

1. 3x-2y = 2x

-3x -3x

subtract 3x: -2y=-1x

divide by -1: 2y = x

answer: **x=2y**

2. 3x-2y = 2x+y

-2x -2x

1x-2y = y

+2y +2y

1x =3y

**Answer: x=3y**

**3. 2x+y = 6**

**-y -y**

**2x =6-y**

**/2 /2**

4. y-x=3y

-y -y

-x =2y

**X=-2y**

5. y-x=2y+x x=

-y -y

-x = 1y+x

-x -x

-2x = 1y

/-2 /-2

X=y/-2

**Answer: x=-y/2**

6.

Cross-multiply

1x=2y

**Answer: x=2y**

7. x-y=y-x

-x -x

-1y = 1y-2x

-1y -1y

-2y = -2x

/-2 /-2

Y =x

**Answer: x=y**

**8. 3x+3y=3**

**-3y -3y**

**3x = 3-3y**

**/3 /3**

**X=**

**9.**

**Cross-multiply**

**x+1=2y**

* **1 -1**

**X=2y-1 answer**

**10. 3x+4y=4x+3y**

**-3x -3x**

**4y = 1x+3y**

**-3y -3y**

**1y = 1x**

**X=y answer!!! ☺**

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**Simplifying square root!**

**Homework: work through 15 and memorize!**