Name: _____

Date: _____

General and Functional Form

Change the following equations from the **general form** to the **functional form.**

1. $4x + 5y - 20 = 0$

2. $-3x - 4y + 7 = 0$

3. $8x + 12y - 4 = 0$

4. $x + y + 5 = 0$

5. $2x + y + 10 = 0$

6. $10x + 20y - 19 = 0$

7. $9x + 8y - 72 = 0$

8. $5x + 2y + 100 = 0$

9. $x + 5y + 8 = 0$

10. $7x + 3y - 42 = 0$

11. $13x + 17y + 19 = 0$

12. $66x + 3y - 9 = 0$

13. $7x + 5y - 11 = 0$

14. $-x + 6y - 14 = 0$

15. $14x + 8y + 17 = 0$

16. $2x + 2y = 0$

Change the following equations from the **functional form** to the **general form.**

1. $y = \left(\frac{3}{2}\right)x + 7$

2. $y = -x + 9$

3. $y = \left(\frac{2}{3}\right)x - 9$

4. $y = \left(-\frac{3}{5}\right)x - \left(\frac{5}{3}\right)$

5. $y = -3x + \left(\frac{7}{2}\right)$

6. $y = x + \left(\frac{9}{4}\right)$

7. $y = -5x + \left(\frac{8}{3}\right)$

8. $y = 34x + \left(\frac{17}{2}\right)$

9. $y = 14x - \left(\frac{8}{3}\right)$

10. $y = -4x + 22$

11. $y = x$

12. $y = \left(\frac{1}{2}\right)x + \left(\frac{2}{3}\right)$

13. $y = 16$

14. $y = \left(-\frac{1}{4}\right)x - (16)$

15. $y = 9x + 81$

16. $y = 0$