## Solving and Graphing Review

Name $\qquad$
Solve the equation for $y$ and then graph the equation.

1. $2 x+5 y=10$

2. $-3 x+2(y+1)=6$


Solve the equation for y and then make a table with the given values of x .
3. $5 y-3 x=10$
4. $4(x+2)+2 y=14$

| $x$ | $y$ |
| :--- | :--- |
| -4 |  |
| -1 |  |
| 2 |  |
| 5 |  |

Solve the equation for y
5. $\frac{x}{3}+5 y=10$
6. $\frac{x}{3}+\frac{y}{4}=1$

Solve the equation for y then graph
7. $y-2=-3(x+1)$


Graph the equation and then solve
8. $y-2=-3(x+1)$


Airplane Travel: Use the formula $\mathbf{D}=\mathbf{R T}$, where $\mathbf{D}$ is the distance traveled at a rate of $\mathbf{R}$ for time $\mathbf{T}$

1. Solve the equation $\mathrm{D}=\mathrm{RT}$ for R .

Savings Account: Use the formula $\mathbf{I}=\mathbf{P R T}$, where $\mathbf{I}$ is the simple interest on an investment of $\mathbf{P}$ dollars at an interest rate $\mathbf{R}$ for $\mathbf{T}$ years.

1. Solve the equation $\mathrm{I}=\mathrm{PRT}$ for T
