**Memory Game Cards**

*Instructions:*

*Cut out all cards and mix them together. Lay cards face down in a rectangular array. Students play “Memory” by taking turns flipping over two cards at a time. If the two cards flipped are corresponding equations or inequalities, the student keeps the pair. Play continues until all cards are gone. The winner has the most pairs of cards.*

**Equations**

**Set A (not Slope-Intercept)**

|  |  |
| --- | --- |
| $$x=\frac{4+y}{3}$$ | $$5x-3y=6$$ |
| $$-2x+y=1$$ | $$x=-4y$$ |
| $$y-3=3(x-6)$$ | $$2x=2y+10$$ |

**Set B (Slope-Intercept)**

|  |  |
| --- | --- |
| $$y=3x-4$$ | $$y=\frac{5}{3}x-2$$ |
| $$y=2x+1$$ | $$y=-\frac{1}{4}x$$ |
| $$y=3x-15$$ | $$y=\frac{1}{2}x-5$$ |

**Inequalities**

**Set A (not Slope-Intercept)**

|  |  |
| --- | --- |
| $$2y+4x<5$$ | $$x-3y\leq 6$$ |
| $$x\geq -4y$$ | $$-4x<2y+2$$ |
| $$y-5>2(x-4)$$ | $$y+4\geq \frac{1}{2}(x+2)$$ |

**Set B (Slope-Intercept)**

|  |  |
| --- | --- |
| $$y<-2x+\frac{5}{2}$$ | $$y\geq \frac{1}{3}x-2$$ |
| $$y\geq \frac{1}{4}x$$ | $$y>-2x-1$$ |
| $$y>2x-3$$ | $$y\geq \frac{1}{2}x-3$$ |