

Tuesday:

1. Classify each number as Rational (R) or Irrational (I): $\frac{2}{3}$, π , $\sqrt{144}$, 1.3, $\sqrt{48}$

2. Write a linear equation in slope-intercept form for the table.

Input, x	0	1	2	3	4
Output, y	7	4	1	-2	-5

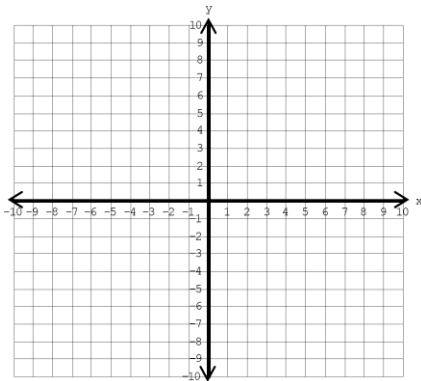
#3-5 Solve the equations:

3. $-7x + 8 = 71$

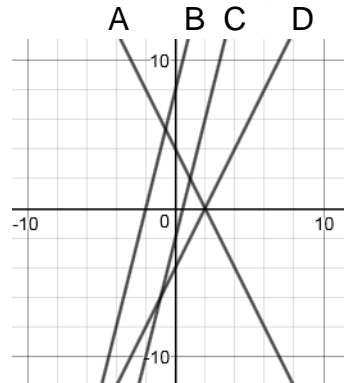
4. $-12 = \frac{x}{4} - 7$

5. $-2(x+4) - 6 = 26$

6. Graph $y = -\frac{1}{3}x + 7$



7. Which line is the graph of $y = 4x - 1$?



Wednesday:

1. Write an equation and solve:
 "19 decreased by four times a number is 17"

2. Solve the system:
 $y = 2x + 5$ and $2y - 2x = 8$

#3-6. Simplify:

3. $(a^5b^7)(ab^2)$

4. $\frac{18x^{10}}{3x^9}$

5. $(6x^3)^2$

6. $5x^{-2}$

7. What is the value of x that would make this equation true? $\frac{m^{24}}{m^x} = m^9$

