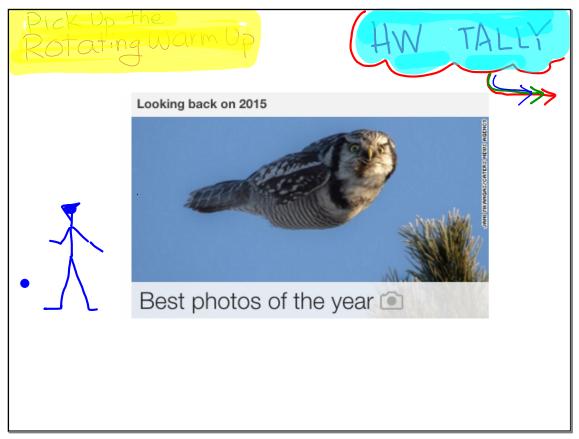
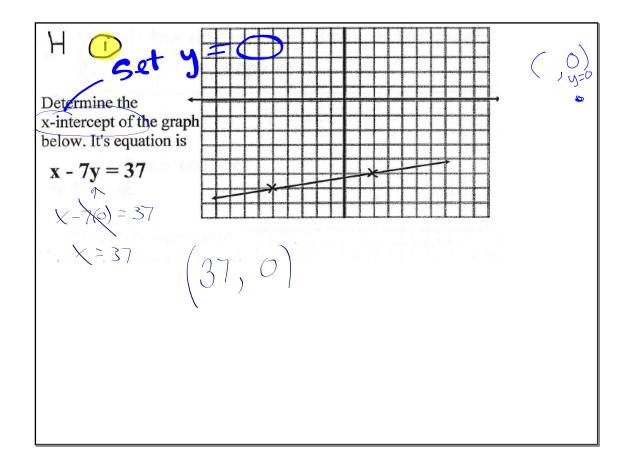
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Write the equation of the line that passes through

$$M = \frac{3}{-4} = \frac{7}{7}$$

$$| = \frac{4}{11} \left(\frac{7}{7} \right) + b$$

$$M = \frac{3}{-4} - 7$$

$$= \frac{4}{11} \begin{pmatrix} 7 \\ 7 \end{pmatrix} + b$$

$$= \frac{10}{10} - \frac{28}{10}$$

$$= \frac{4}{11} + \frac{28}{11} = \frac{11}{11}$$

$$= \frac{28}{11} + \frac{28}{11} = \frac{11}{11}$$

$$= \frac{28}{11} + \frac{28}{11} = \frac{11}{11}$$

$$= \frac{28}{11} + \frac{28}{11} = \frac{11}{11}$$

$$multiply by 11$$

$$11 = 38 + 11b$$

$$-17 = 11b$$

$$11$$

$$\frac{1(11)}{1(11)} - \frac{28}{11}$$

$$\frac{11}{11} - \frac{28}{11} = \frac{-17}{11}$$

$$\frac{3}{4} + \frac{3}{4} = 3 + \frac{192}{196} = \frac{19$$

$$\frac{3}{4} + (n) = 4(3)$$

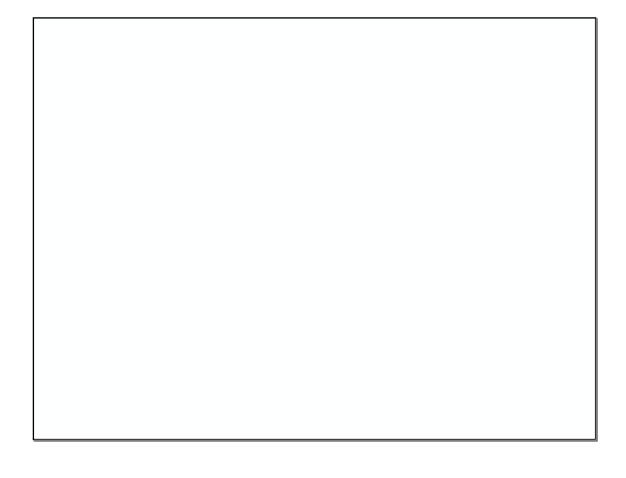
$$t_n = \frac{12}{36} + \frac{36}{6} = \frac{106}{324}$$

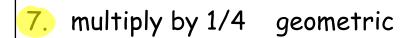
5. add 200 arithmetic

784, 984

6. subtract 20 arithmetic

-59, -79





2.5, .625

1,5,20,60,120,120 0

8. 120, 120, 0 neither

#105 % not shown on the solutions

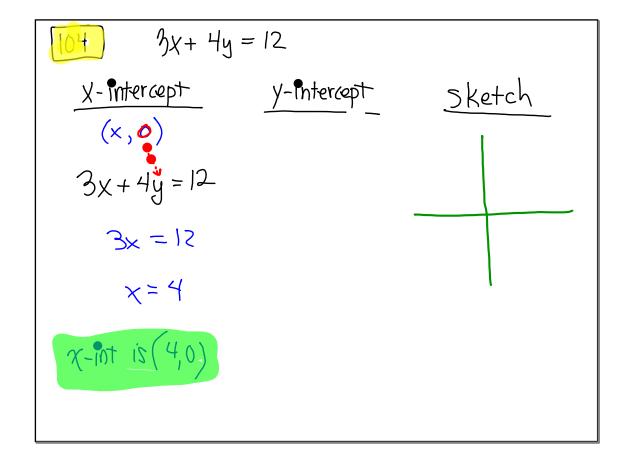
Find the slope

$$M = \frac{1}{-2}$$

$$M = \frac{3-6}{6-2}$$

$$M = \frac{3}{-2} = \frac{3}{2}$$
The dy-intercept write the equation equation
$$Y = \frac{3}{2} \times + b$$

$$Y = \frac{3}{2} \times -3$$



$$\bigcirc X^2 + 3X - 3 = 0$$

 $\bigcirc X^2 + 3X - 3 = 0$
 $\bigcirc X^2 + 3X - 3 = 0$

$$o = 1$$

$$b = 3$$

$$0 = -3$$

$$\sqrt{=\frac{-b \pm \sqrt{b^3 - 4ac}}{2a}}$$

$$\chi = \frac{-(3) \pm \sqrt{(3)^2 - 4(1)(3)}}{2(1)}$$

$$0 = 1$$
 $b = 3$
 $c = -3$

$$X = \frac{-3 \pm \sqrt{21}}{2}$$

$$\chi = -\frac{3-\sqrt{a}}{a} \approx -3.79$$

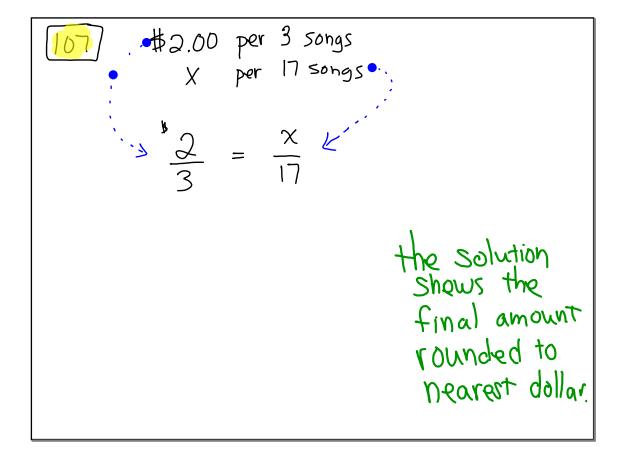
$$3x^{2} - 7x = 12$$

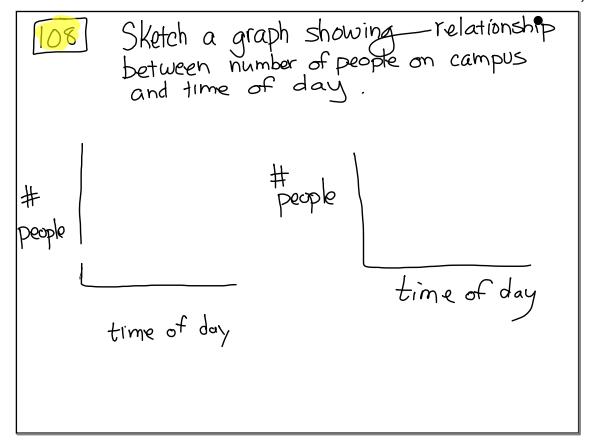
$$3x^{2} - 7x - 12 = 0$$

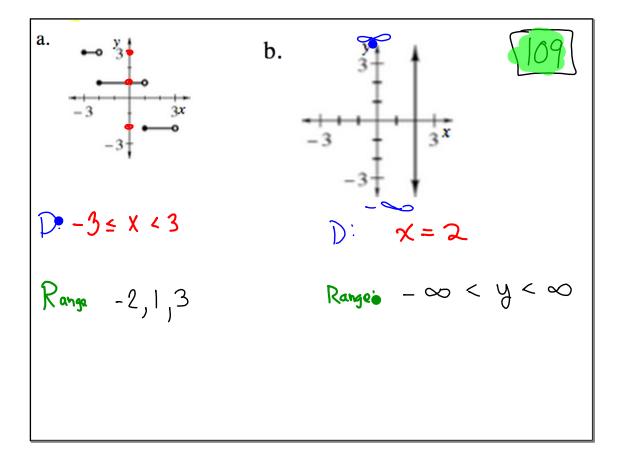
$$7 = \frac{-(-7) \pm \sqrt{(-7)^{2} - 4/(3)(-12)}}{2(3)}$$

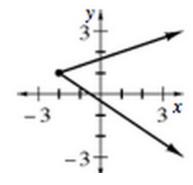
$$7 = \frac{7 \pm \sqrt{193}}{6} = -1.15$$

$$7 = \frac{7 \pm \sqrt{193}}{6} = -1.15$$









Dio
$$-2 \le x < \infty$$

Rangeio $-\infty < y < \infty$



Check your HW

Ch. 1 Test Information handout

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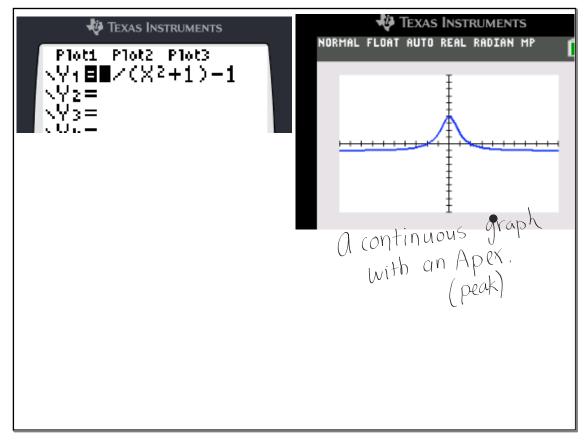
Open your

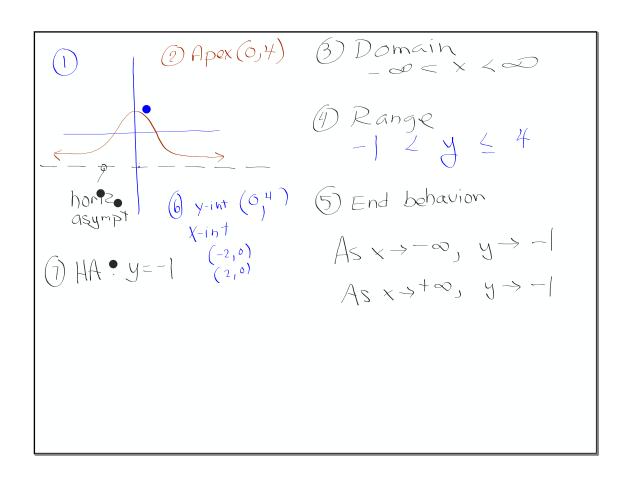
Analye Functions

Sheet

take a minute to 5
review them

Analyze a non-typical function $f(x) = \frac{5}{(x^2+1)} - 1$ $0 = \frac{5}{x^2+1} - 1$ $0 = 5 - (x^2+1)$ $x^2+1=5$ $x^2=4$ h December 18, 2018







How to seal a bag of chips without a clip

Assignment 1.2.4
(a handout)

 December 18,