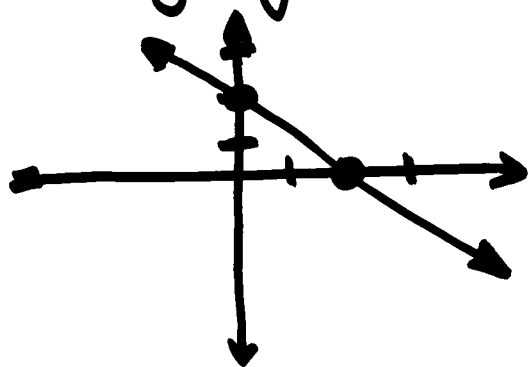
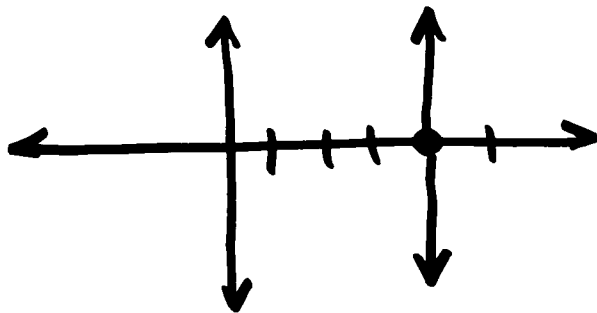


BE-1B MONDAY 9-10-07

- ① WRITE THE EOL (Equation of the Line) for this graph:



- ② WRITE THE EOL for this graph:



- ③ GRAPH A line WITH A SLOPE OF  $\frac{2}{5}$  AND A y-intercept OF 3.

~~~~~ ANSWER WB ~~~~~

① Pg. 54 # 3

③ Pg 59 # 6

② Pg 56 # 8

# Exam #1 WEDNESDAY

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Reviews graded HW #3  $\Rightarrow$  WS 3-8

HW #4  $\Rightarrow$  Graphs

Quiz 4  $\Rightarrow$  Any Make-up  
Quizzes  $\Rightarrow$   
Do now!

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Reviews  $\Rightarrow$  Identify Functions

Pg. 229 - 230

# 4  $\rightarrow$  8, 17  $\rightarrow$  26,  
29-31

---

function notation  $y = f(x) = 4x - 5$

find  $f(3)$

$\uparrow$

find the value of  
the function (the range)  
when the domain  $x$  is 3.

$$f(3) = 4(3) - 5$$

$$= 12 - 5$$

$$= 7$$

$(3, 7)$

$\uparrow$   $\uparrow$   
 $x$   $y$

ONE ORDERED PAIR in the function

$$f(x) = 4x - 5 \quad g(x) = x^2 + 1$$

$$\text{find } f(2), g(-1), f(c), g(t) - 4$$

$$\begin{aligned} f(2) &= 4(2) - 5 \\ &= 8 - 5 \\ &= \boxed{3} \end{aligned}$$

$$(2, 3)$$

$$\begin{aligned} g(-1) &= (-1)^2 + 1 \\ &= (-1)(-1) + 1 \\ &= 1 + 1 = \boxed{2} \end{aligned}$$

$$(-1, 2)$$

$$\begin{aligned} f(c) &= 4(c) - 5 \\ &= \boxed{4c - 5} \end{aligned}$$

$$(c, 4c - 5)$$

$$\begin{aligned} g(t) - 4 &= (t)^2 + 1 - 4 \\ &= \boxed{t^2 - 3} \end{aligned}$$

HW: Pg. 251 # 8 → 11, 14 → 21