

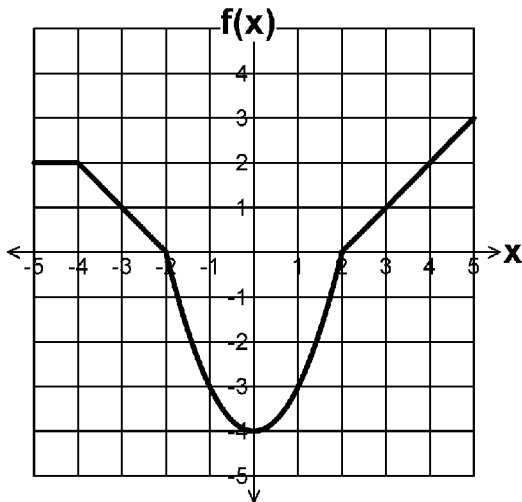
Algebra 2  
Warm Up Day 9

Name \_\_\_\_\_

Date \_\_\_\_\_

1. If  $\frac{n+1}{5} + 2 = 3$ , then  $n =$

- a) 0      b) 4      c) 9      d) 12      e) 24

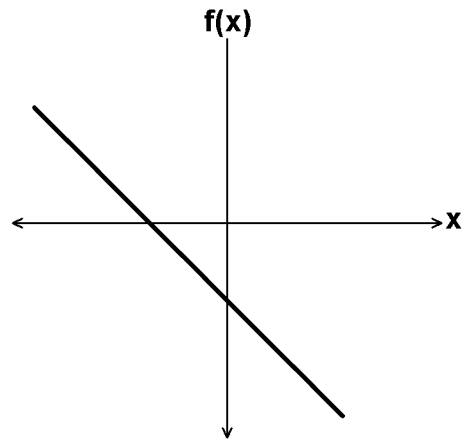


2. The figure above shows the graph of function  $f$ . What is the range of function  $f$ ?

- a)  $f(x) \leq 3$                       b)  $0 \leq f(x) \leq 3$   
c)  $-4 \leq f(x) \leq 3$                 d)  $-5 \leq f(x) \leq 5$   
e) all real numbers

3. If  $f$  is a linear function with a slope of 2 and a  $y$ -intercept of  $-3$ , which expression represents function  $f$ ?

- a)  $f(x) = 3 - 2x$                   b)  $f(x) = x + 1$   
c)  $f(x) = 2x - 1$                 d)  $f(x) = 2x - 3$   
e)  $f(x) = 2x + 3$



4. The figure shows the graph of linear function  $f$ . Determine which of the following statements are true about function  $f$ .

- I. Function  $f$  has a positive slope.  
II. Function  $f$  has a negative  $x$ -intercept.  
III. Function  $f$  has a negative  $y$ -intercept.

- a) I only                                  b) II only  
c) III only                                d) II and III only  
e) none of these

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Algebra 2    Warm Up Day 9    Hopkins    9/22/2014

1.  
Answer:        b  
CodePath:    EAS.SAT.B.C.18
2.  
Answer:        c  
CodePath:    EAS.SAT.G.C.19
3.  
Answer:        d  
CodePath:    EAS.SAT.G.E.1
4.  
Answer:        d  
CodePath:    EAS.SAT.G.E.28