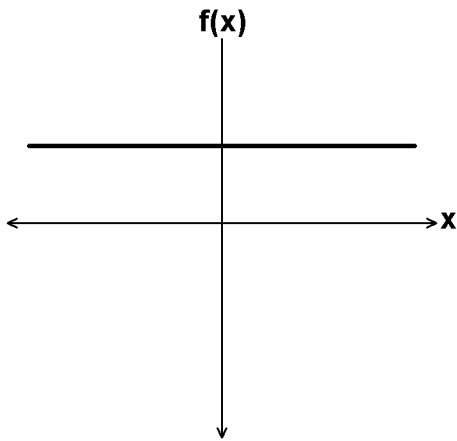


Algebra 2  
Warm Up Day 10

Name \_\_\_\_\_

Date \_\_\_\_\_



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

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

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

2. The table shows some values for the linear function  $h$  for selected values of  $t$ .

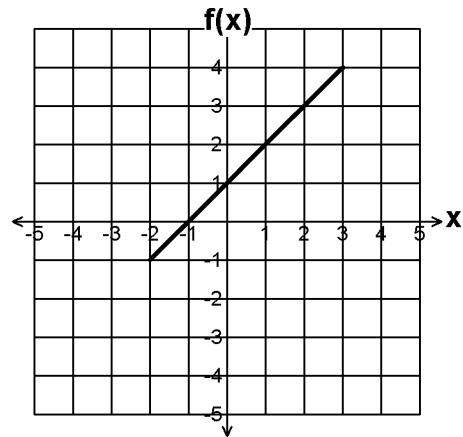
$t$	-1	0	1	2
$h(t)$	6	4	2	0

Which of the following defines  $h$ ?

- a)  $h(t) = 4 - 2t$
- b)  $h(t) = 4 - \frac{1}{2}t$
- c)  $h(t) = 2t + 2$
- d)  $h(t) = 2 - 2t$
- e)  $h(t) = 2 - \frac{1}{2}t$

3.  $\frac{6}{7} \times \frac{7}{8} \times \frac{8}{9} \times \frac{9}{10} =$

- a)  $\frac{1}{5}$
- b)  $\frac{1}{4}$
- c)  $\frac{2}{5}$
- d)  $\frac{3}{4}$
- e)  $\frac{3}{5}$



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

- I. The domain of function  $f$  is  $-2 \leq x \leq 3$ .
- II. Function  $f$  has one zero.
- III. The range of function  $f$  is  $-1 \leq f(x) \leq 4$ .

- a) I only
- b) II only
- c) III only
- d) I, and III only
- e) I, II, and III

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Algebra 2    Warm Up Day 10    Hopkins    9/24/2014

1.  
Answer:        c  
CodePath:    EAS.SAT.G.E.30
2.  
Answer:        a  
CodePath:    EAS.SAT.G.E.33
3.  
Answer:        e  
CodePath:    EAS.SAT.A.B.38
4.  
Answer:        e  
CodePath:    EAS.SAT.G.E.32