

Name: \_\_\_\_\_

## Evaluating Linear Functions

ES2

A) Evaluate each function at the specified value.

1)  $f(x) = 10x + 2$  ;  $x = -8$

2)  $f(x) = -x + 9$  ;  $x = 7$

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B) Evaluate each function.

1)  $f(x) = -(3x - 1)$  ; find  $f(11)$

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C) If  $f(x) = -5(x - 11) + 8$

1)  $f(3) =$  \_\_\_\_\_

3)  $f(14) =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

D) If  $f(x) = -13 + 7x$  ; find

1)  $2f(8) + 7f(2) =$  \_\_\_\_\_

3)  $-3f(1) \times f(-2) =$  \_\_\_\_\_

4)  $-4f(9) - 6f(0) =$  \_\_\_\_\_

\_\_\_\_\_

E) What is the value of  $f(-5)$ , if  $f(x) = -9x - 4$ ?

i) 41

ii) -49

iii) -41

iv) 49

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