

Name: _____ Class: _____ Date: _____

ID: A

Algebra II Practice Quiz 1.7

Short Answer

1. (5 points) For $f(x) = -5x - 2$, evaluate $f(5)$.

2. (5 points) Graph the function $f(x) = x + 2$.

3. (5 points) The commercial jet that travels from Houston to Miami averages about 375 mi/h. The air distance from Houston to Miami is 968 miles. Write a function to represent the distance d remaining on the trip t hours after takeoff.

4. (5 points) Evaluate $k(2q^2 + 3q)$ for $k(x) = 8x + 7q$.

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Answer Section

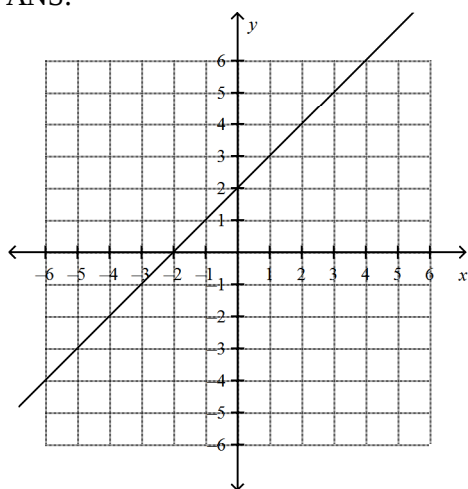
SHORT ANSWER

1. ANS:
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PTS: 5

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2. ANS:



PTS: 5

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3. ANS:
 $d = 968 - 375t$

PTS: 5

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4. ANS:
 $16q^2 + 31q$

PTS: 5