

Name: _____ Class: _____ Date: _____

ID: A

Algebra II Practice Quiz 2.1

Short Answer

1. (5 points) Dan paid a total of \$25.80 last month for his international calls. He makes international calls only to England. Dan pays \$0.06 per minute in addition to \$10.98 fixed monthly payment. How many minutes of international calls did Dan make last month?

2. (5 points) Solve $-4(24 + 8y) = -64$.

3. (5 points) Solve $3n - 24 = 14 - 30n$.

4. (5 points) Solve $5j - 12 + 13j = -4 + 18j - 8$.

5. (5 points) Solve and graph $-2a - 7 > -3$.

6. (5 points) Solve and graph $5(-4 + 2x) \geq 2(5x + 4)$.

Algebra II Practice Quiz 2.1

Answer Section

SHORT ANSWER

1. ANS:
247 minutes

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2. ANS:
 $y = -1$

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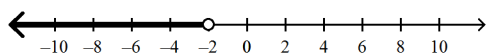
3. ANS:
 $n = 1\frac{5}{33}$

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4. ANS:
The solution set is all real numbers, or $\mathbb{R}$.

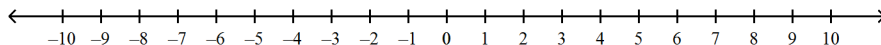
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5. ANS:
 $a < -2$



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6. ANS:
The inequality has no solution. The solution set is the empty set.



PTS: 5