Tuesday, October 14, 2014 Algebra 1 Bellwork

1. A boat leaves the dock traveling 13 mph. Twenty minutes later another boat leaves the same dock at 15 mph following the same route as the first boat. How long does it take the second boat to catch the first boat?

Find the exact solution to each equation.

$$\frac{7}{9}x + \frac{5}{6} = \frac{19}{12}$$

$$8m - 2(3m + 4) + 13 = m - 1 + m - 4$$

$$BR = C(WA - KX) + EG$$

$$\frac{N + QD}{p} - RV = MC$$

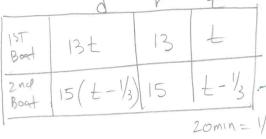
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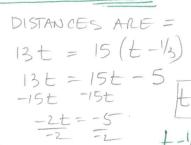
Bellwork Algebra 1

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1. A boat leaves the dock traveling 13 mph. Twenty minutes later another boat leaves the same dock at 15 mph following the same route as the first boat. How long does it take the second boat to catch the first boat?







Find the exact solution to each equation.

2.
$$\left(\frac{7}{9}x + \frac{5}{6} = \frac{19}{12}\right)$$
36 $x = \frac{27}{28}$ $x = \frac{57}{28}$

$$X = \frac{27}{28}$$

$$BR = C(WA - KX) + EG$$

8m - 2(3m + 4) + 13 = m - 1 + m - 4

3.

$$\frac{N+QD}{p} - RV = MC + PV$$

5. Solve for N