Wksht 7b.7
Mixed Review

Directions: Complete the following in your notebook.

Solve, graph and check the following inequalities.

1. \(5x + 12 > -28\)
2. \(-3m – 21 > 3\)
3. \(20 – n < 32\)

Solve the following proportions.

4. \(\frac{8-x}{3} = \frac{2x+3}{5}\)
5. \(\frac{c+2}{6} = \frac{2c+7}{4}\)

For the following, write the let statement, an equation, solve and answer in a sentence.

6. A man has a number of ducks costing $10 each and three times as many chickens costing $6 each. If the total cost of ducks and chickens is $420, find the number of chickens the man has.
7. Three families, A, B, and C, share 480 kg of rice. B gets twice as much as A, and C gets half as much as B. How much does each family get?
8. The sum of two numbers is 56. 2 times the first number is 14 less than the second number. What are the numbers?