

7.7

Solving and Graphing Inequalities Mult/Div Assignment

Solve the inequality. Graph the solution.

1. $\frac{b}{3} > 6$

2. $2w < 16$

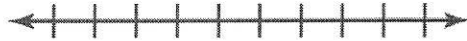
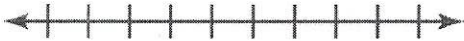
3. $7p \leq 70$



4. $\frac{h}{4} < 2$

5. $\frac{3r}{4} \leq 4$

6. $8t > 24$



Write the word sentence as an inequality. Then solve the inequality.

7. A number q divided by 14 is no less than 4.

8. The product of 21 and a number u is at most 126.

9. A wheelbarrow can carry up to 300 pounds of weight. A bag of soil weighs 20 pounds. Write and solve an inequality to represent the number of bags of soil the wheelbarrow can carry.

10. A table is 3 feet wide. The length of the table can be adjusted as needed. You need at least 24 square feet of space on the table. Write and solve an inequality to represent the minimum length the table should have.