Name:_____Date:_____Period:_____

SOLVING INEQUALITIES BY MULTIPLICATION AND DIVISION

6.2 Practice 2

Solve each inequality. Then check your solution.

1. $\frac{y}{6} \leq 2$

2. $-\frac{n}{50} > 22$

3. $\frac{3}{5}h \geq -3$

4. $-\frac{p}{6} < -6$

5. $\frac{1}{4}n \geq 10$

6. $-\frac{2}{3}b < \frac{1}{3}$

7. $\frac{3m}{5} < -\frac{3}{20}$

8. $-2.51 \leq -\frac{2h}{4}$

9. $\frac{g}{5} \geq -2$

10. $-\frac{3}{4} > -\frac{9p}{5}$

11. $\frac{n}{10} \geq 5.4$

12. $\frac{2a}{7} \geq -6$

Write an inequality, and solve each problem. Then check your solution.

13. Half of a number is at least 14.

14. The opposite of one-third a number is greater than 9.

15. One fifth of a number is at most 30.

SOVLING INEQUALITIES USING MULTIPLICATION AND DIVISION
Worksheet 350

Solve each inequality. Then check your solution.

1. $25g \geq -100$

2. $-2x \geq 9$

3. $-5c > 2$

4. $-8m < -64$

5. $-6k < \frac{1}{5}$

6. $18 < -3b$

7. $30 < -3n$

8. $-0.24 < 0.6w$

9. $25 \geq -2m$

10. $-30 > -5p$

11. $-2n \geq 6.2$

12. $-35 < 0.05h$

13. $-40 > 10h$

14. $-\frac{2}{3}n \geq 6$

15. $-3 < \frac{p}{4}$

Write an inequality, and solve each problem. Then check your solution.

16. Four times a number is no more than 108.

17. The opposite of three a number is greater than 12.

18. Negative five times a number is at most 100.