

Name: _____ Period: _____ Date: _____

Solving Inequalities Using Multiplication or Division Bell Work

Solve each inequality.

1. $-\frac{x}{9} \leq -3$

2. $\frac{5}{7}a \geq -15$

3. $-\frac{y}{9} > 11$

4. $-\frac{x}{4} < 11$

5. $-12a \geq -72$

6. $-\frac{2y}{3} > 18$

7. $2.4x \leq -14.4$

8. $\frac{a}{15} > 6$

9. $\frac{2y}{5} < -\frac{3}{20}$

Write and solve each inequality.

10. Negative eleven times a number is higher than 22.

11. Three fourths of a number is fewer than 8.

Write and solve the inequality.

12. Kevin has a gift check for \$100. If the cost of a t-shirt is at most \$3.45 each, how many t-shirts can Kevin get?