

Pre-Algebra MATH Brush-Up Session

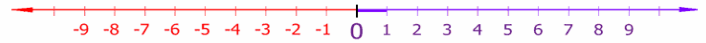
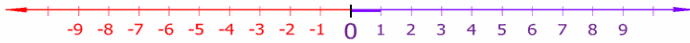
If you placed into MATH 70 or a higher-level course, this might be useful for you

Solving Inequalities

Solve the inequality and graph the solution on a number line.

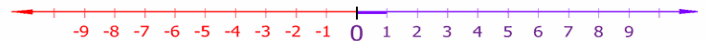
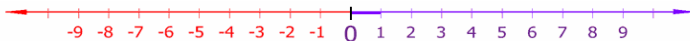
1. $y + 2 > 9$

2. $2x + 4 \leq x + 1$



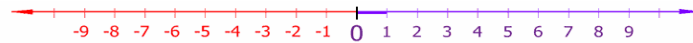
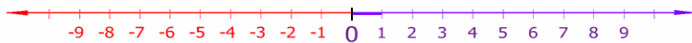
3. $3(2y - 3) < 33$

4. $5(t + 3) + 9 \geq 3(t - 2) - 10$



5. $\frac{2}{3}(2x - 1) \geq 10$

6. $7 - 8y > 5 - 7y$



7. Anthony's Exotic Motor rental charges a \$25 deposit plus \$30 per hour to rent a Lamborghini. John recalls that he was billed over \$175. How long did he have the car?

Answer Key: see videos

Need more help? Check out these Modumath Algebra Lessons #10 (Lessons #6-9 may be helpful in solving multi-step equations <http://modumath.org/mm/GraysHarbor.html>)