**Entrance Ticket**

**Simplify the following e*x*pressions.**

1. 6*x* – 3*x*
2. 2*y* + 6 + 3*y*
3. 7 + 4*x* – 3 – *x*
4. *y* + 13 – 6*y*
5. Translate the phrase into an inequality:

*all real numbers less than −3*

1. Graph the inequality you wrote for #5 on a number line.

**Solve the following for *x*. Check your answers.**

1. 3*x* = 6
2. 2*x* > 14
3. 14*x* ≤ −28
4. −2*x* = 26