

1. Write an inequality to model this statement:

There must be at least 30 psi in the tire for it to be safe to drive on.

2. Solve. $-7 - 4Q < -38$

3. Use a Boolean Check to see if $m < -60$ is the solution to the following inequality:

$$-\frac{2}{3}m + 2 - \frac{1}{6}m < 52$$

4. Solve. $5k - 2(6k + 3) \geq -7k - 9$