



## SOLVING ONE-STEP EQUATIONS & ONE-STEP INEQUALITIES TEACHER GUIDE

### ACTIVITY STUDENT OBJECTIVE

I can solve one-step equations and one-step inequalities.

### DEBRIEFING QUESTIONS

- ★ What process did you use to solve the equation? The inequality?
- ★ How can you verify your solution?
- ★ How did you determine the solution for the number of sacks J.J. Watt must make to break the current record?
- ★ How are the two inequality problems similar to each other? How are they different?

### SCAFFOLDING SUGGESTIONS

- ★ Ask students to identify what operation is present in the equation or inequality. Ask students to identify what is the opposite or “undoing” operation for the one that is present.
- ★ Prompt students to state their solution as a complete sentence related to the situation. Ask if the solution is reasonable for the situation.

### FOOTBALL BACKGROUND KNOWLEDGE

Total yards and net yards are reported as whole numbers. Average yards are reported to the nearest tenth of a yard. The average yards reported for Lamar Miller was rounded to the nearest hundredth so that the solution is closer to the actual number of yards run by Mr. Miller.



The Stats Challenge curriculum was developed by educators at Region 4 in conjunction with the Houston Texans



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