

Name _____ Period _____ Date _____

Write and check a solution of an inequality

Problem: A basketball player scored 351 points last year. If the player plays 18 games this year, will an average of 20 points per game be enough to beat last year's total?



Start by asking questions!

What are we looking for to answer this question correctly?

What do we know/What information do we have?

Step 1 Write a **verbal model** and an **equation**. Assign a variable.

Step 2 Check that 20 is a solution of the inequality by evaluating when $p=20$.

Name _____ Period _____ Date _____

Write and check a solution of an inequality

Problem: A basketball player scored 351 points last year. If the player plays 16 games this year, will an average of 22 points per game be enough to beat last year's total?



Start by asking questions!

What are we looking for to answer this question correctly?

What do we know/What information do we have?

Step 1 Write a **verbal model** and an **equation**. Assign a variable.

Step 2 Check that 22 is a solution of the inequality by evaluating when $p=22$.