

PROBLEM-OF-THE-DAY: ALGEBRA 1

WEEK: September 24 to September 28 **DAY:** Thursday

RISD Objective: Given a table, set of ordered pairs, graph, or equation, students will be able to determine whether or not the relation is a function.

PROBLEM #28

Is the relation between players on a basketball team and their heights a function? Explain your reasoning.

MODEL SOLUTION #28

A relation is a function if every member of the domain (inputs) is paired with only one member of the range (outputs). So, in this case, each player is paired with a height. A player cannot be two different heights at the same time. So this is a function.