

Puzzle of the Week

Pan Balance – 5

A pan balance tells you when its two sides are carrying the same amount of weight or whether one side is heavier than the other.

THE CHALLENGE: You have a 24-pound bag of flour. You need to measure out 9 pounds of the flour using a large pan balance which has no markings and no weights. How can you do it?



EXPLORATION: What other amounts of flour can you measure in this situation? Experiment with different starting amounts of flour and see what amounts you can create.