Puzzle of the Week
Pan Balance – 4

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 6 coins. Four of the coins weigh the same amount, and the remaining two coins are lighter counterfeits. Identify the two counterfeits using just three weighings.



EXPLORATION: Investigate what happens to your method if there are more normal coins.