

# Balance – Worksheet

**There are 8 look alike coins. 7 Weigh the same. One is lighter. Use the scale twice to find the lighter coin.**

**Tip:**

If you put two coins on each plate and they balance, can you deduce something?...

**Tip:**

Suppose the original problem deals with six coins instead of eight. How would you proceed?

**Tip:**

Suppose the original problem deals with three coins instead of eight, but you can only use the balance once. Can you find the fake coin?