

# Shifting the Balance

NAME \_\_\_\_\_

*Can you balance objects with unlike mass?*

Compare two similar objects — such as a nickel and a dime, a small button and a large button, or two small toys of different sizes — by placing the heavier object in Cup A and the lighter object in Cup B.

Where must you move Cup B to keep the balance?

Record your observations in the table below.

OBJECT 1	OBJECT 2	POSITION OF CUP A	POSITION OF CUP B