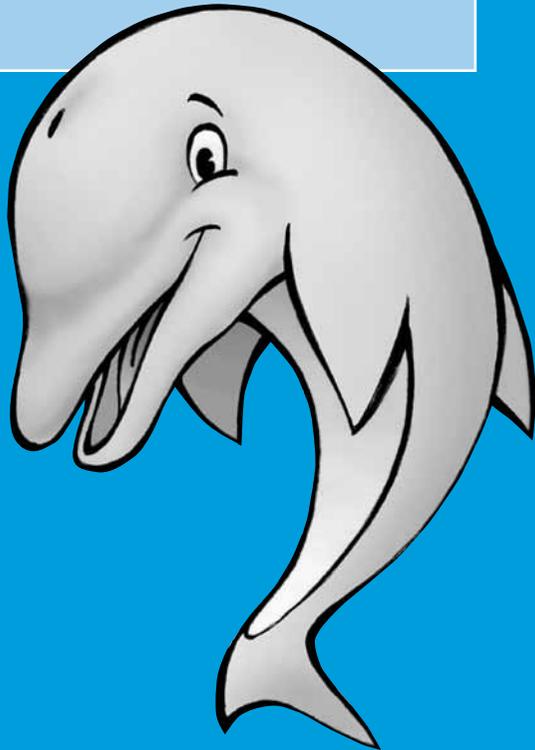


LESSON 9

Don't overload Your Boat

In a small boat balance must be maintained.

If you move around make sure someone moves the opposite way to counterbalance the boat.



Try this experiment to see what happens when you overload your boat.

You will need:

Large plastic bowl, jar lid, 10c coins (about 12-15).

STEP 1
Fill your bowl with water.

A simple line drawing of a white bowl filled with water, indicated by wavy lines representing the surface.

STEP 2
Float the jar lid on top.

A line drawing of a white bowl filled with water. A circular jar lid is floating on the surface in the center.

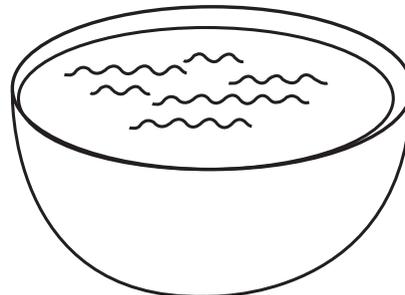
STEP 3
Add coins to represent people.

A line drawing of a white bowl filled with water. A circular jar lid is floating in the center with two 10-cent coins on top. To the right of the lid, several more 10-cent coins are floating on the water's surface.

Now **draw what happens** in each example.

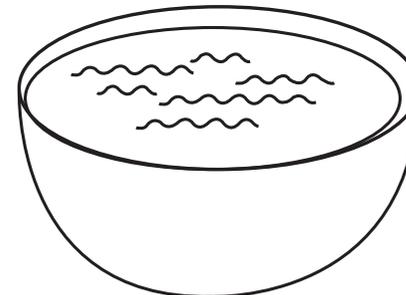
Balanced Boat

Add coins one at a time to each side. (3-4 on each side).



Unbalanced Boat

Place coins one at a time on one side of the lid.



Overloaded Boat

Stack all your coins in the centre of the lid.

