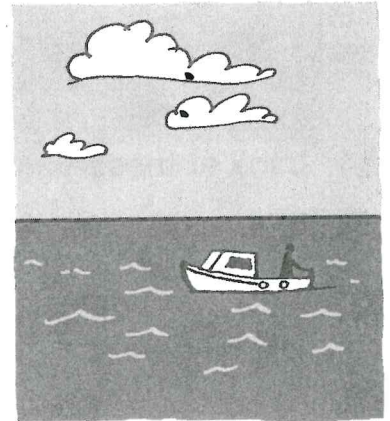


HORIZONTAL AND VERTICAL

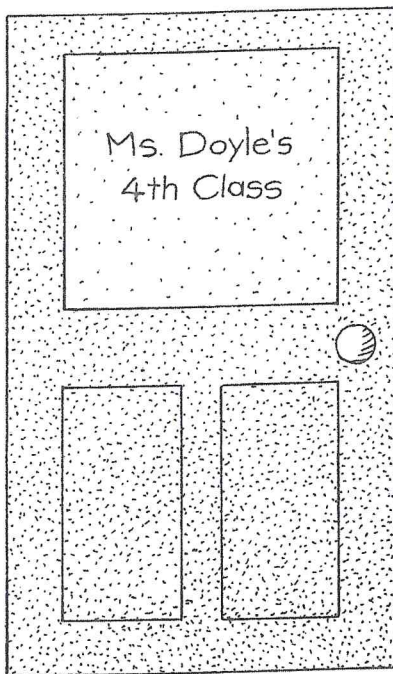
Imagine that you're on a beach looking out to sea. Far in the distance it *seems* that the sea and the sky meet. That line where they seem to meet is called the **horizon**.

So a **horizontal** line lies flat like this: _____

A **vertical** line stands up straight like this: |



1. Are you horizontal or vertical when you're in bed?
2. Is a soldier on duty horizontal or vertical?
3. Look at this picture of a door and answer these questions:



- a. How many vertical lines can you see?
 - b. How many horizontal lines can you see?
 - c. Are all the vertical lines parallel?
 - d. Are all the horizontal lines parallel?
 - e. Are the vertical lines parallel to the horizontal lines?
 - f. Is the door to your classroom vertical or horizontal?
 - g. What kind of door might be placed in a horizontal position?
4. Write down three other examples of:
 - a. vertical lines in the world around you.
 - b. horizontal lines in the world around you.
 5. What instrument does a builder use to make sure the blocks are horizontal?

6. Make a plumb line.

Tie a weight to a piece of string and let it dangle. When it settles the string is vertical. Use it to check that things such as pictures on the wall are vertical. Think of a few other uses for a plumb line.

