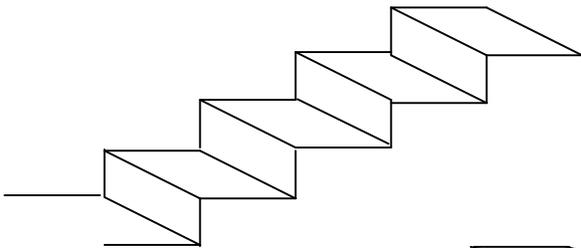


Stairs, Ladders and Fish Ladders

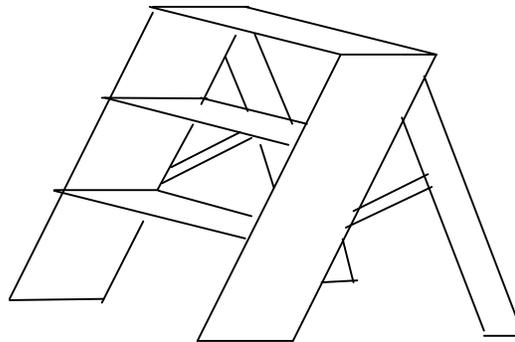
Name: _____.

Stairs, ladders and fish ladders help things move up and down. Many small steps are easier to take than one very big step, for both people and fish. To understand how stairs, ladders and fish ladders are the same and different, fill in the blanks below.

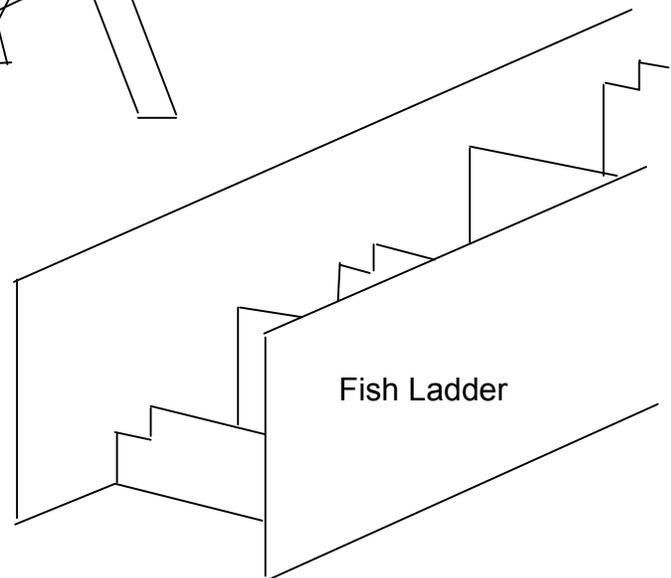
On **STAIRS**, both the front and the _____ of each step are usually hard. How does the top of each step help you? _____
They also hold up other **solid** things. What happens when you pour water on a step? _____



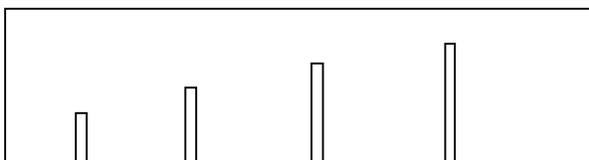
On a **LADDER**, usually only the top of each step is _____ and there is a space between each _____. Ladders also hold up **solid** objects. Stairs that are open in the front look more like ladders.



A **FISH LADDER** helps fish swim uphill. It has many little waterfalls. It must keep _____ from flowing downhill too quickly. Water is **liquid**. Is the top or the front of each "step" hard? _____ On these two drawings of fish ladders, color in the hard part of each "step. Name something else these "steps" remind you of _____



Draw wavy lines to show the water.
Draw fish swimming in the water.



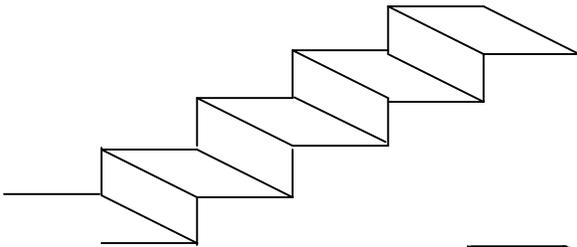
A fish ladder from the side.

Stairs, Ladders and Fish Ladders

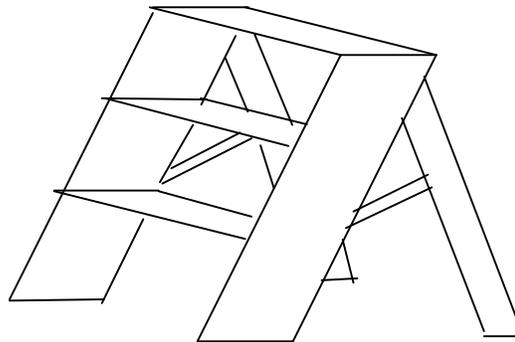
Name: _____ (KEY).

Stairs, ladders and fish ladders help things move up and down. Many small steps are easier to take than one very big step, for both people and fish. To understand how stairs, ladders and fish ladders are the same and different, fill in the blanks below.

On **STAIRS**, both the front and the (TOP) of each step are usually hard. How does the top of each step help you? (HOLDS YOU UP / KEEPS YOU FROM FALLING DOWN) They also hold up other **solid** things. What happens when you pour water on a step? (IT FLOWS DOWN THE STAIRS)

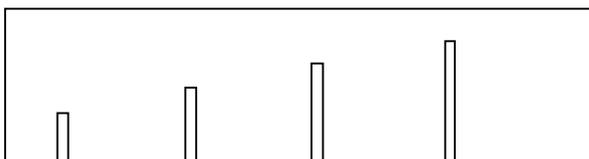
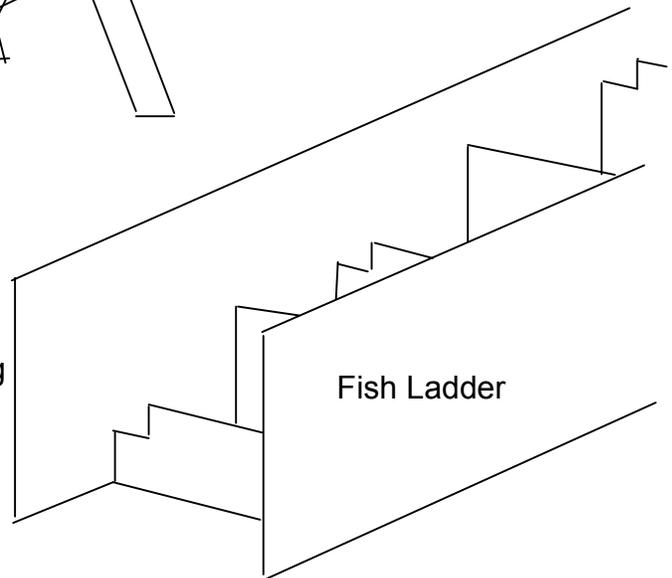


On a **LADDER**, usually only the top of each step is (HARD) and there is a space between each (STEP). Ladders also hold up **solid** objects. Stairs that are open in the front look more like ladders.



A **FISH LADDER** helps fish swim uphill. It has many little waterfalls. It must keep (WATER) from flowing downhill too quickly. Water is **liquid**. Is the top or the front of each “step” hard? (FRONT) On these two drawings of fish ladders, color in the hard part of each “step. Name something else these “steps” remind you of (e.g., A DAM)

Draw wavy lines to show the water.
Draw fish swimming in the water.



A fish ladder from the side.