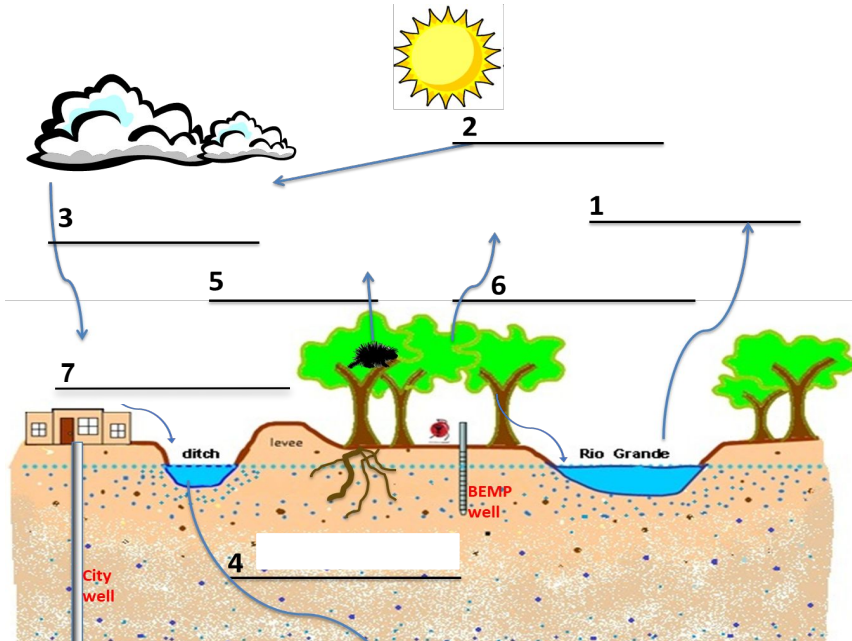# Dabbling in Data

Introduction: How does the water get into the river (or ditch)? Write the names of the different processes the water goes through as part of the water cycle in this diagram:

Aquifer Model: Write down YOUR predictions for how the river water and groundwater might or might not be connected after watching the model:

_____

_____

_____

BEMP Data: Write down the questions/hypothesis we want to answer by analyzing the groundwater and river flow data:

_____

_____

_____

_____

Conclusions: After graphing the data, go back to your questions/hypothesis and answer them. Is that what you initially predicted?

_____

_____

_____

_____

Action: What can you do (individually or collectively) to help?

_____

_____

_____

_____

Site: Year: Name:

BEMP

Depth to Groundwater (units = _____)

River Flow (units = _____)

Left axis (Depth to Groundwater): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160

Right axis (River Flow): 5120, 4800, 4480, 4160, 3840, 3520, 3200, 2880, 2560, 2240, 1920, 1600, 1280, 960, 640, 320, 0

1	2	3	4	5	6	7	8	9	10	11	12
Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec