

# THE POWER OF PLANTS!

## PART 3 - STORMWATER PLINKO VIDEO & PROBABILITY!

### STORMWATER PLINKO DATA SHEET

Probability is the likelihood of an event happening.

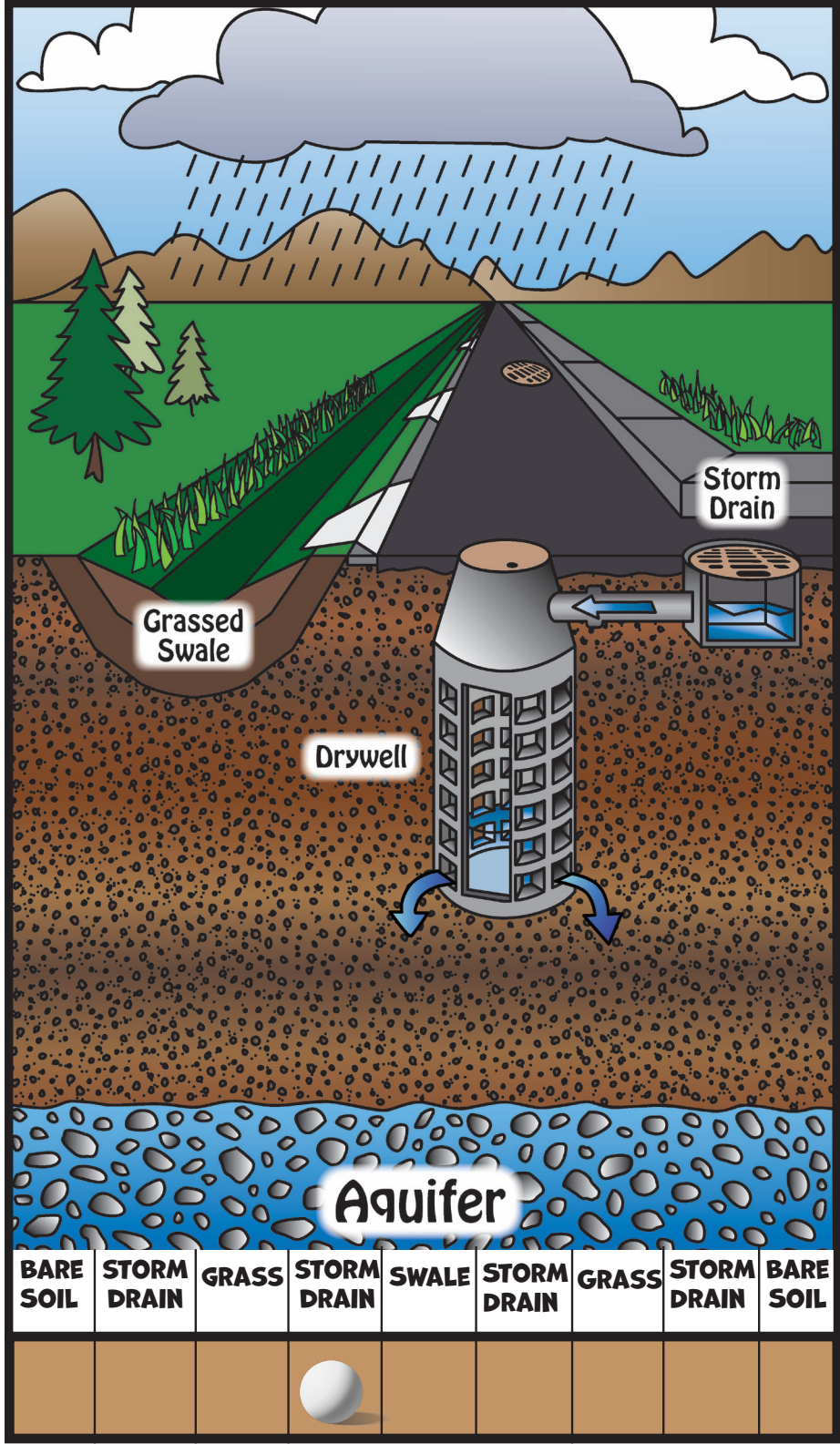
**Probability of an event =**  
 (# of chances an event can happen) / (Total number of outcomes)

For Example: on our plinko board there are 9 total outcomes. The number of chances you could get swale is 1.

**1** What is the probability of getting Grass/Swale each time?  
 Ratio: \_\_\_\_\_  
 Percent: \_\_\_\_\_

**2** WATCH THE STORMWATER PLINKO VIDEO AND RECORD EACH TRIAL.

TRIAL #	OUTCOME
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



**3** AFTER YOU WATCHED THE VIDEO ANSWER THESE Q'S.

How many times did you get swale/grass? \_\_\_\_\_

Were the actual results close to the probability? \_\_\_\_\_