

## Interpreting Graphs Notes

### 1. Which table best corresponds to the given situation?

At home today, Tim spent two hours on his schoolwork. He had no science homework today. His French assignment was to go over the errors made on yesterday's test. Tim had only one minor error on that test. Tomorrow is a math quiz and Tim is confident about the current topic. Tim needed to do some research for his civics report, due tomorrow.

**Table 1**

Subject	Minutes
Civics	30
French	60
Math	30
Science	0

**Table 2**

Subject	Minutes
Civics	20
French	5
Math	100
Science	0

**Table 3**

Subject	Minutes
Civics	90
French	5
Math	30
Science	0

### 2. Which table best corresponds to the given situation?

Mr. Savoy begins math lessons by going over yesterday's homework assignment. The class discussion about the new topic is lengthy. The remaining class time is spent in group work.

**Table 1**

Activity	Minutes
Review	12
New topic	24
Group Work	24

**Table 2**

Activity	Minutes
Review	12
New topic	36
Group work	12

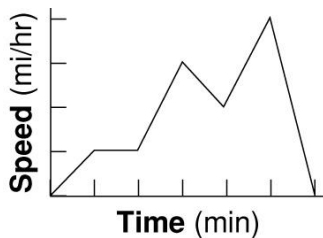
**Table 3**

Activity	Minutes
Review	12
New topic	15
Group work	33

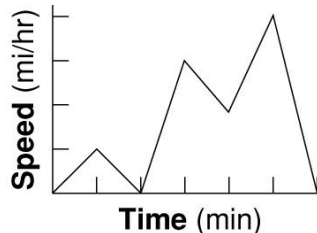
### 3. Which table best corresponds to the given situation?

A car on a dino-coaster ride for children climbs to the top of a hill. At the top of the hill, it slows down and comes to a stop. It goes down the hill, and then starts up another hill. It goes down the second hill and then comes to the end of the ride.

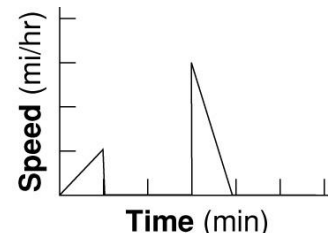
**Graph 1**



**Graph 2**



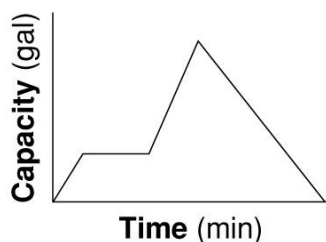
**Graph 3**



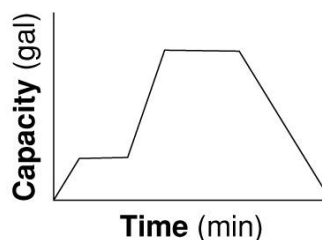
### 4. Which table best corresponds to the given situation?

James is going to take a bath. After letting only hot water into the tub, he turns off the faucet while he is shaving. Then he adds warm water until the tub is three-quarters full. He takes a bath and empties the tub.

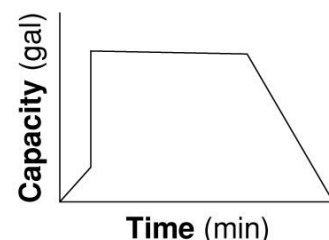
**Graph 1**



**Graph 2**



**Graph 3**



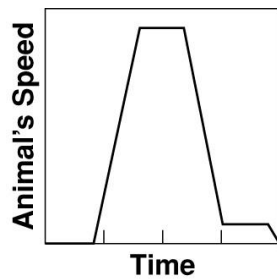
5. The table gives the speed of three animals in mi/h at the given times. Tell which animal corresponds to each situation described below.

Time	5:00	5:01	5:02	5:03	5:04
Animal 1	0	0	11	1	0
Animal 2	0	7	0	32	0
Animal 3	0	17	0	14	5

- a. A pig sits in the mud, then chases after another pig. It then walks back to the mud puddle and sits down.
- b. A rabbit sits in the yard. It then hops across the yard. It stops when it sees something move. Then it runs across the yard and darts into some shrubs and stays there.

6. Tell which graph corresponds to each situation in Exercises 1–2.

a.



b.

