## representation

the description or portrayal of someone or something in a particular way

Example: A map is a representation of an actual location or place.


## 

Each student gave a different set of directions when explaining how to get to Fremont/store.


Many people have different representations of what the Mona Lisa painting is trying to depict!

## three dimensional

## Having length, width

 (measurement from side-toside) and depth

Example: The earth is a three dimensional object.

## Thate Oimens*onal

When you can see that an object has depth


Who has seen a 3-D movie?

# two dimensional 

## Having length and width

 but no depthExample: Maps depict the earth r-axis $=$ in a two dimensional way.

$$
\vec{x}_{\text {Axis }}
$$

## Two dimension

## When an object looks flat

No light source:<br>flat two-dimensional appearance



## map

## a visual representation of

 an areaExample: Maps are
representations of places, but not the actual places themselves


## map

Everybody has seen one?


## Several different kinds: World map, street map, county map, etc.

## continent

## any of the world's

## continuous expanses of land

## Example: Africa,

Antarctica, Asia, Australia, Europe, North America, and South America are the seven continents in the world.


## con的莫明的辛

## Which continent do we live on？



# map key／legend 

## the wording on a map explaining the symbols

| Regular Bus Route $\square$ |  |
| :---: | :---: |
| Peak Snly Bus Route $===-(1000)==$－ |  |
| Shutte Route |  |
| Selected Trips mer |  |
| BLUELIEC（A） |  |
| GOLD 1 ¢HE |  |
| Transt Center |  |
| Landmark |  |
| Hospical | ［ |
| Park ${ }^{\text {g Pidel Lot }}$ | F］ |
| Biloe Lacluers | B |

## Example：When reading a

 map，look for key／legend near the margin of the page．It is usually surrounded by an outline and explains every symbol shown on the map．
## LEGEND

| （7） | INTERSTATE | （1） | STATE PARK |
| :---: | :---: | :---: | :---: |
| （50） | U．S．ROUTE | （P） | COUNTY PARK |
| （18） | W．V．ROUTE |  | RAILROAD |
| ． | RAIL TRAIL | －－－ | COUNTY LINE |
| （30） | MILE MARKER | \％二マこと， | RIVER |
| （1） | TUNNEL |  | STREAM |

A REST STOP \＆CAMPING

## Map 意ey/ legend



Maps have legends.
The key to reading the map is in the legend.


## account

## a report or description of an

## event or experience

Example: A map is an "account" of how the person created the map "sees" the place they are representing. This is influenced by the person's knowledge, purpose, and point of view.


## Accoun ${ }^{\text {F }}$



What was your recollection of seventh grade?


