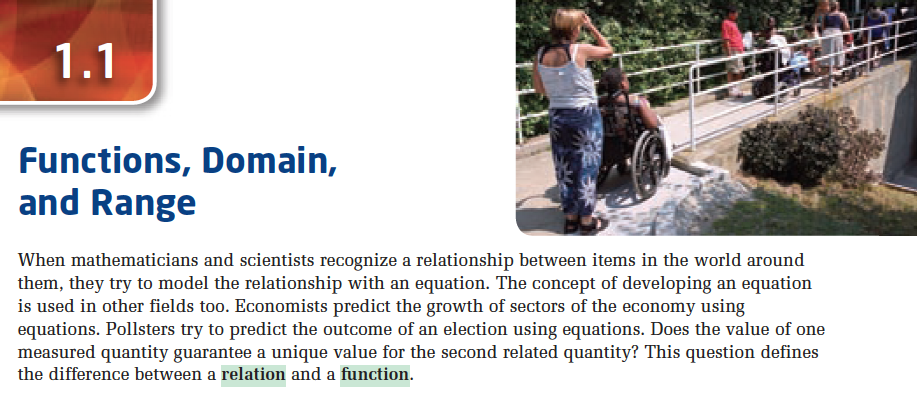
## Section 1 - Functions vs. Relations Notes Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(Vertical Line Test)**



Define the following terms:

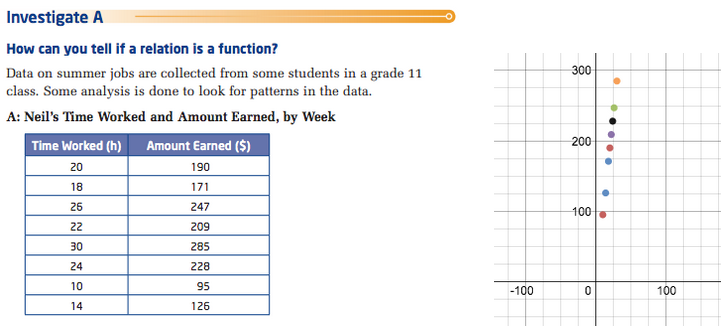
**Relation –**

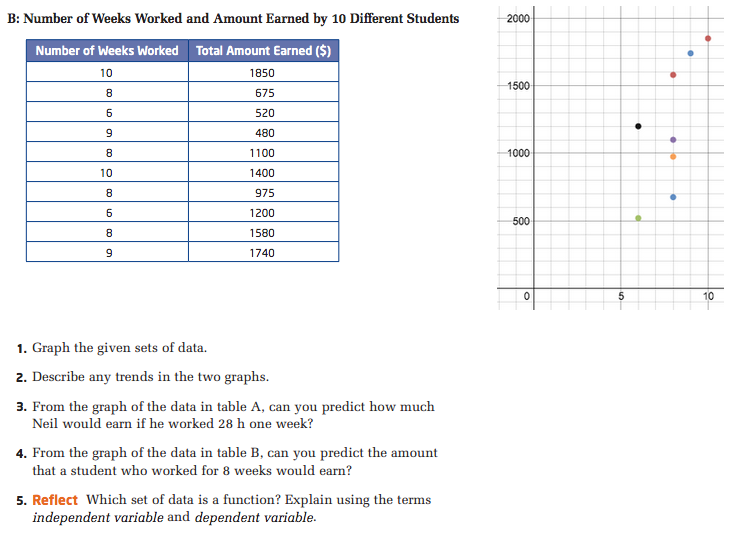
**Function –**

**Domain –**

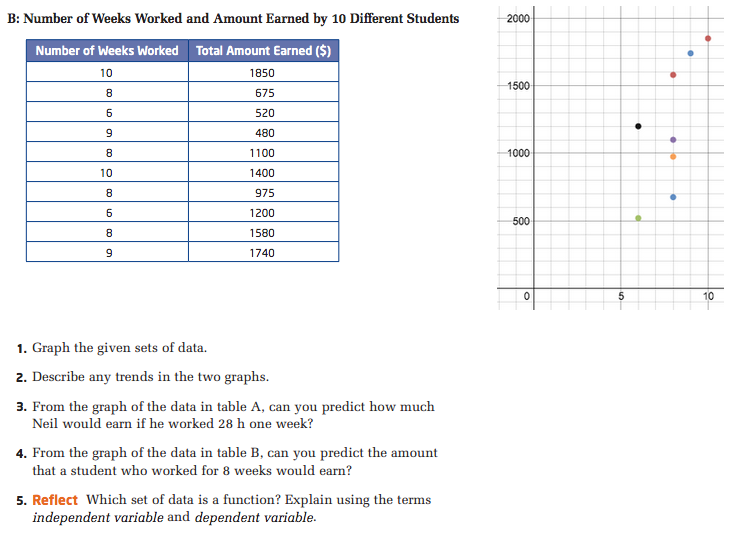
**Range –**

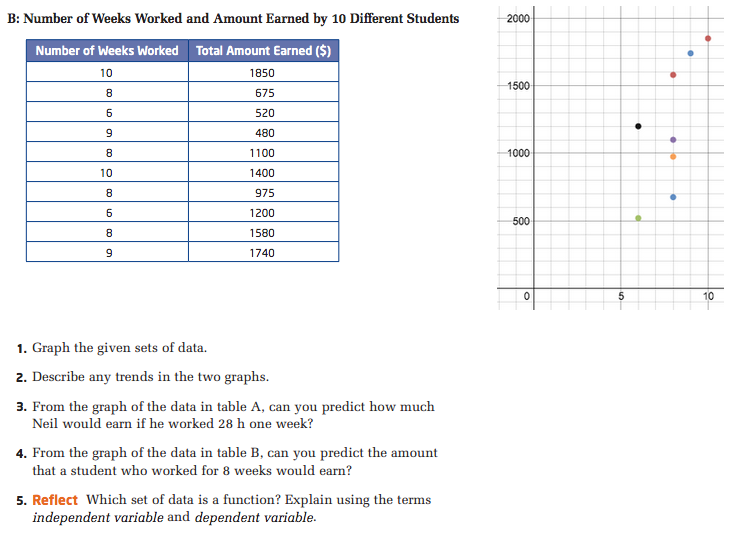
What is the difference between a relation and function? Provide examples.

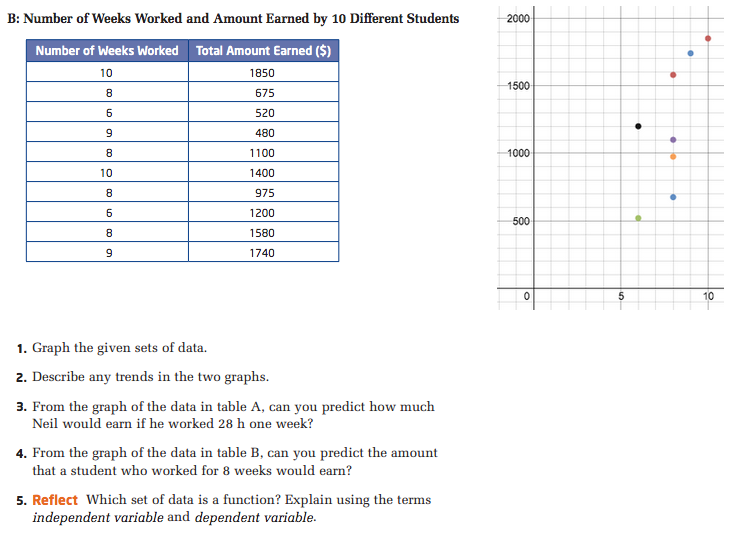


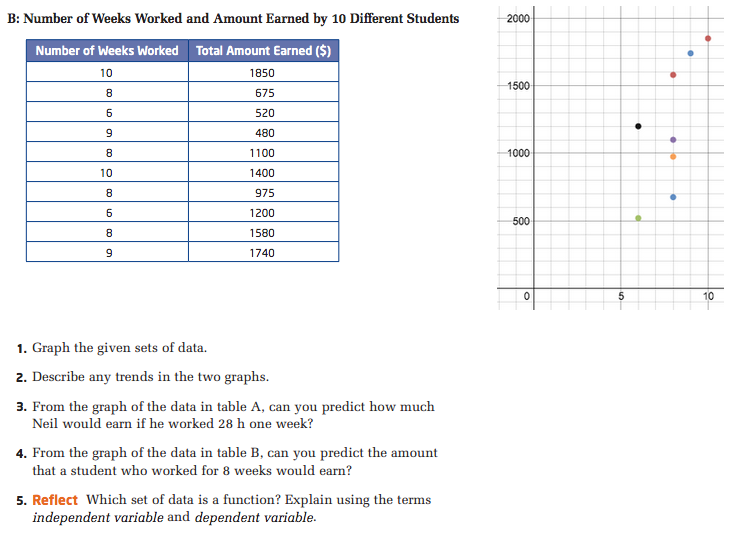


✓Already completed





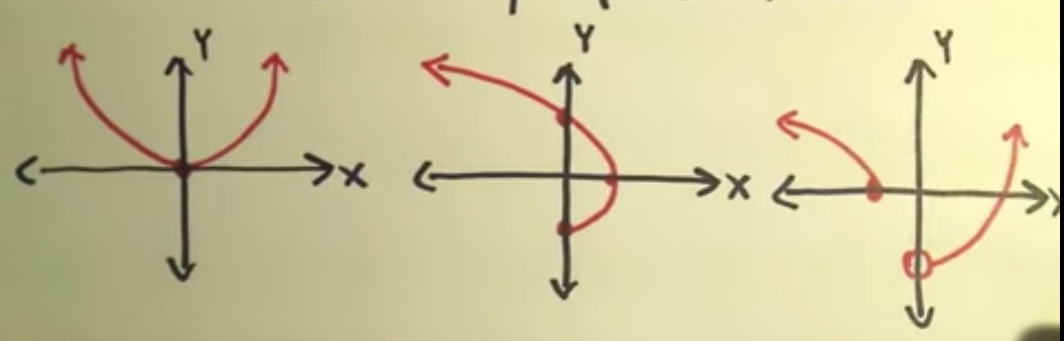




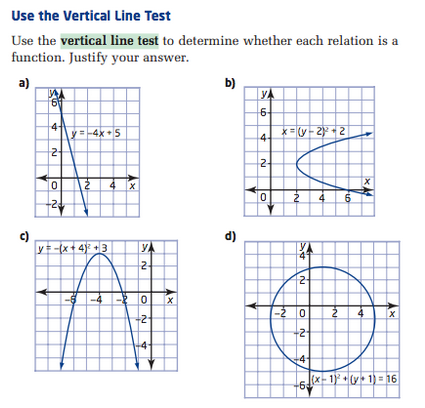
Define the following term:

**Vertical Line Test –**

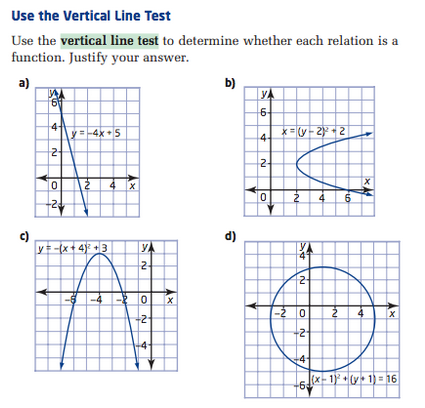
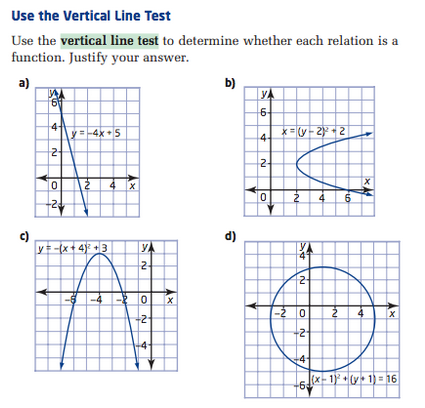
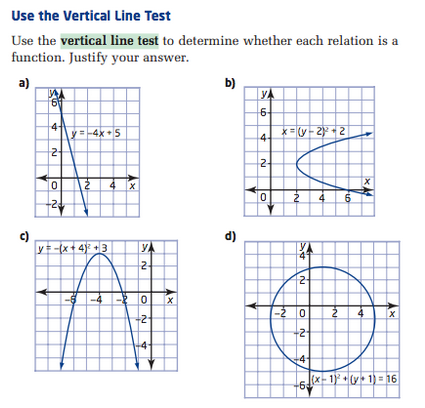
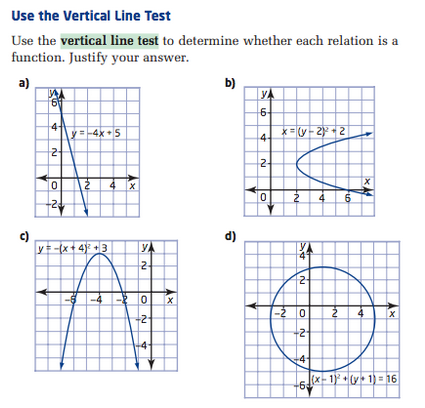
Watch the video on the vertical line test and determine whether or not each function below represents a function.



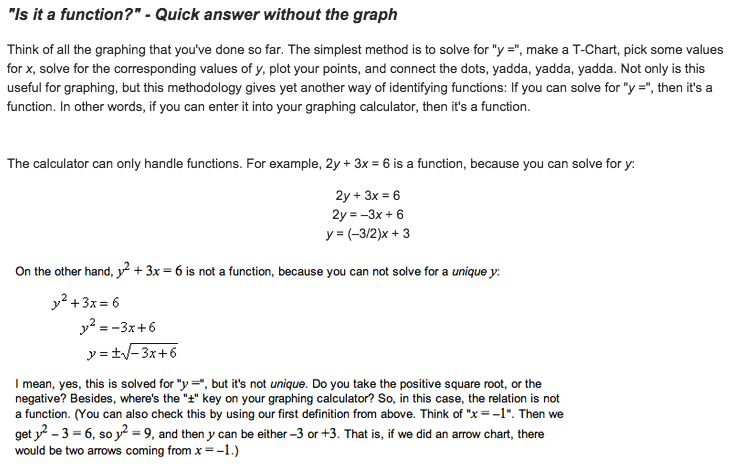
Answer the following questions below, A-D.

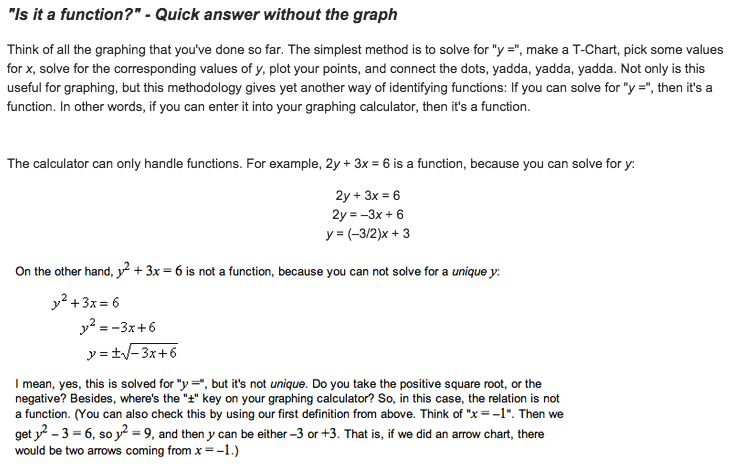


**a) \_\_\_\_\_\_\_\_\_\_\_\_ b) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ c) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ d) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Fill in the Blank**

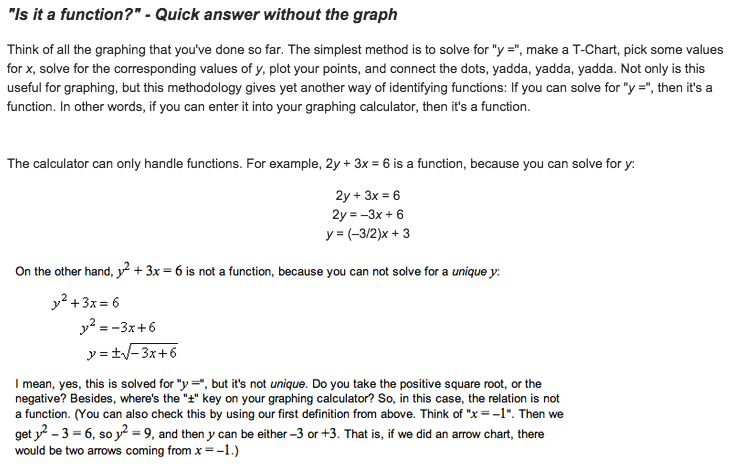




If you can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, then it’s a function. In other

words if you can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, then it’s a function.



**Solve for y**:

