

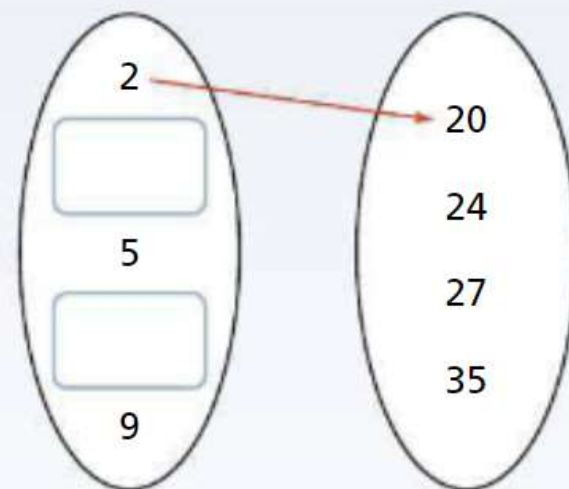
Try It!

Joe needs to advertise his company. He considers several different brochures of different side lengths and areas. He presents the data as ordered pairs (*side length, area*).

$(4, 24)$, $(5, 35)$, $(8, 24)$, $(2, 20)$, $(9, 27)$

Complete the arrow diagram. Is the area of a brochure a function of the side length? Explain.

Convince Me! There are two outputs of 24. Does this help you determine whether the relation is a function? Explain.





Try It!

Frank reverses the ordered pairs to show the heights and ages of the same six students. Is age a function of height? Explain.

Height (in.)	54	54	61	45	65	50
Age (years)	9	10	9	8	12	8

 **Try It!**

Heather claims that she can tell exactly how long a family was at the museum by how much the family pays for parking. Is Heather correct? Explain.



P Art Museum Parking Rates	
Time (hours)	Cost (\$)
Up to 1 hour	\$5
Up to 2 hours	\$10
Up to 3 hours	\$15
Up to 4 hours	\$20
Up to 5 hours	\$25