

Example 3 Graphing Values from Ratio Tables

A hot-air balloon rises 9 meters every 3 seconds. A blimp rises 7 meters every 2 seconds.

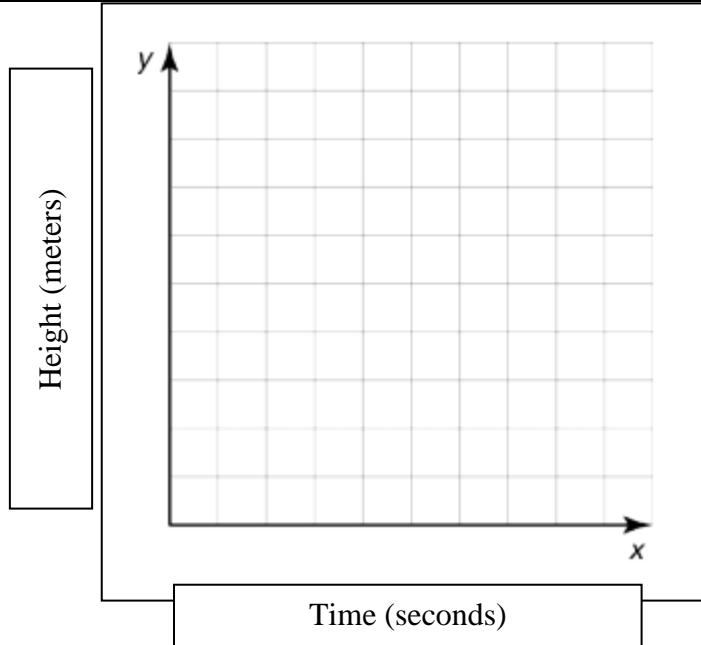
a. Complete the ratio table for each aircraft. Which rises faster?

Balloon		Blimp	
Time (Seconds)	Height (meters)	Time (Seconds)	Height (meters)
3	9	2	7
6		4	
9		6	
12		8	

b. Graph the ordered pairs (time, height) from the tables in part (a). What can you conclude?

	Balloon	Blimp
Ordered Pairs	(,)	(,)
	(,)	(,)
	(,)	(,)
	(,)	(,)

Rising Speeds



Summary: Students should write a summary reflecting the above essential question.