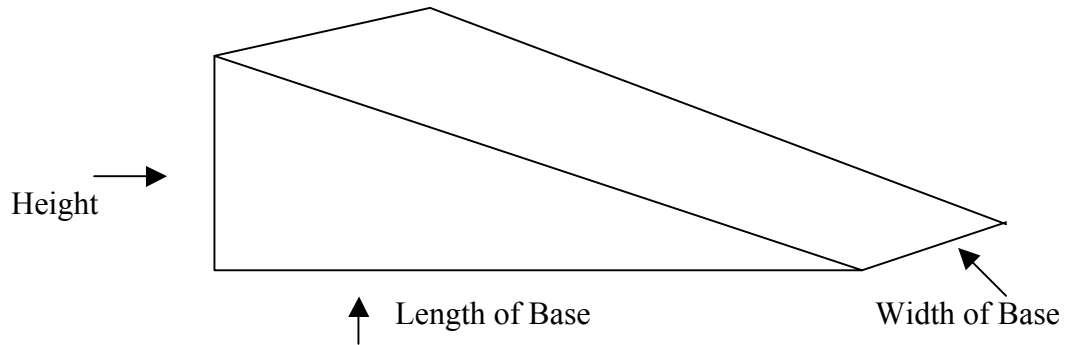


Wheelchair Ramps

A company that makes wheelchair ramps needs to revise their catalogue to include the steepness of each ramp. Your company was given a subcontract to do this work. Within the current catalogue of wheelchair ramps, there are 8 models. You need to determine the steepness of each ramp and order them from least steep to most steep in the catalogue.



Here is your task:

- Compare each pair of ramps.
- Make an ordered list using all models (1-8), from least steep to most steep.
- Provide a mathematical justification for how you ordered your list.
- Describe any patterns you notice in the data.

A.

Ramp Model #	Height	Length	Width Base
1	18	72	32
2	19	73	34

B.

Ramp Model #	Height	Length	Width Base
3	12	60	37
4	18	90	41

C.

Ramp Model #	Height	Length	Width Base
5	24	120	36
6	28	215	36

D.

Ramp Model #	Height	Length	Width Base
7	37	181	26
8	43	215	38