

Force and Steepness



1 Lift the book using the spring scale. How much force do you need? _____

2 Use the spring scale to pull the book up each ramp. How much force do you need?

Height of the Ramp	How Much Force? (grams)
2 Textbooks	
4 Textbooks	
6 Textbooks	

3 Circle the correct word to complete the sentence.

When the ramp is steep, [more, less] force is needed to pull the book up.