

Friction: which surface grips most?

energy-forces

Words to use

Friction · Grip · Fair comparison

Our question

Which surface grips a loaded shoe most?

I predict...because...

Sort these words into Change, Measure and Keep the same

the surface · how hard it feels to pull · the loaded shoe · how we pull

Change: the ONE thing we change

Measure: the ONE thing we measure

Keep the same: to make it fair

Our pulls

Surface	Easy, medium or hard pull?	Grip rank (1 = most grip)
carpet		
tile		
sandpaper		
towel		

Draw and label what you see



Lesson 18

Labels I used



Look at your easy, medium and hard marks from the pulls.

Which surface needed the hardest pull?



Which surface needed the easiest pull?

