

# 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...

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## 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

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## Our comparison

Head each empty column with one thing you tested for, then fill in a row for each thing you tested.

| What we tested |  |  |  |  |
|----------------|--|--|--|--|
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|                |  |  |  |  |
|                |  |  |  |  |
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|                |  |  |  |  |
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## Lesson 18

**Draw and label what you see**



**Labels I used**

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**Look at your easy / medium / hard marks from the pulls.**

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**Which surface needed the hardest pull?**

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**Which surface needed the easiest pull?**

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