

Fair-testing forces: design your own

energy-forces

Words to use

Fair test · Variable we change · Average

Our force question (our group chose it)

I predict...because...

Change: the ONE thing we change

Measure: the ONE thing we measure

Keep the same: to make it fair

How far did the car roll? (bottom of the ramp to the front of the car, in cm)

Version of what we changed	Trial 1	Trial 2	Trial 3	Average

Finding the average

Add the three trials, then divide by 3. For example, $80 + 84 + 76 = 240$, and $240 \div 3 = 80$ cm.

Did our prediction hold? What does the evidence show?