



# SODA POP EXPERIMENT

E X P E R I M E N T / L A B S H E E T

## WHAT YOU NEED

- 2 UNSHAKEN SODA CANS
- ELEVATED TABLE
- METRIC BAR (or something similar to create an even push)

## TRIAL 1

- Elevate the table to @ 3" to 4"
- Hold the two unshaken soda cans evenly on top end of the elevated table
- Using the metric bar evenly push the cans off the elevated side of the table
- **CAUTION!** Make sure you have someone catch the cans before they fall
- What do you observe?

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## TRIAL 2

- Using the same elevation of the table
- Shake one can (*REMEMBER which one is which*)
- Hold the two soda cans evenly on top end of the elevated table
- Using the metric bar evenly push the cans off the elevated side of the table
- **CAUTION!** Make sure you have someone catch the cans before they fall
- What do you observe?

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## CONCLUSION (hmm...Why does this happen?)

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