

Icy Contents

You need: drink containers, ice cubes, water, a measuring cylinder, a classmate

INVESTIGATION

Dean and Zane are buying drinks before watching a movie.

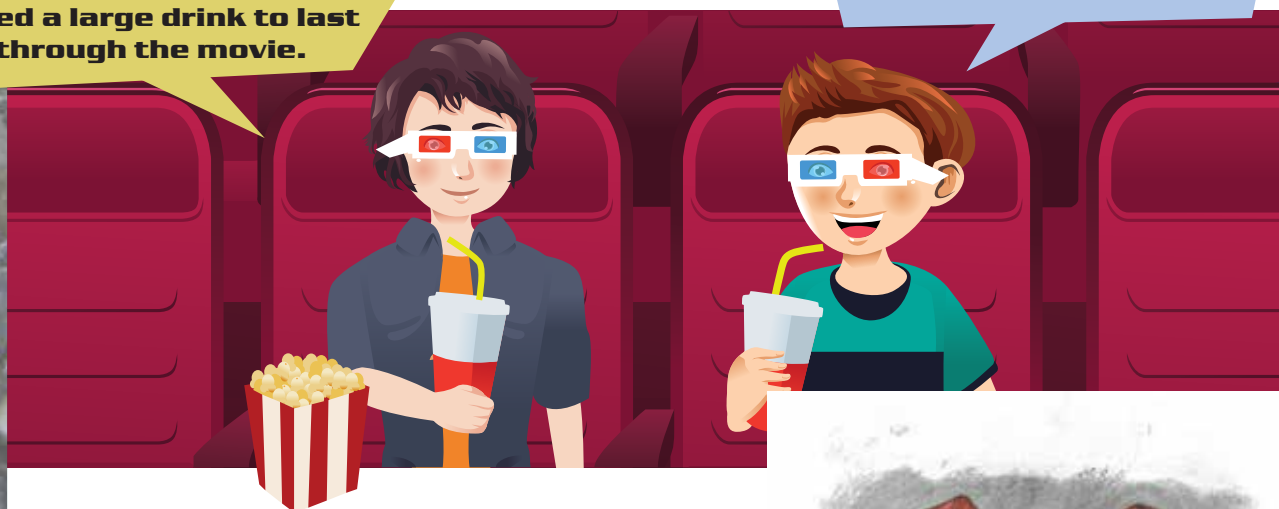
One medium drink with no ice, please.



Inside the theatre, they discuss how much drink they have.

I need a large drink to last me through the movie.

I bet I've got more drink than you have, anyway.



- With a classmate, design an experiment to find out whether there is more drink in a medium cup without ice or a large cup with ice.
 - Carry out your experiment and record the results. If possible, do this more than once.
- Are you confident that your results are fair and that you would get a similar result from a variety of drinks outlets? Discuss why or why not with your classmate.
 - What could you do to improve your experiment?
- Write a letter that could be sent to *Consumer* magazine. Explain what you have discovered and ask them to look further into the matter. Express the amount of ice as a ratio of ice to drink.

