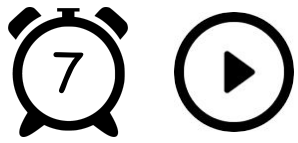


# Estimation Beaker

Estimating Fractions less than 1



# Students Play Estimation Beaker

How much of the beaker is filled?





# Play as a Class

Play the game as a class. Move the slider up slowly. Raise your hand once you think the slider will be correct.



# Solve Problem Sheet

Work independently on your problem sheet.



# Swap Papers with a Partner and Discuss

1. Are your answers exactly the same?  
Why or why not?
2. Is there more than one possible answer for each problem?  
Discuss your thinking with each other.



# Play as a Class

What is a reasonable estimate for how much of the beaker is filled?

Explain your thinking.



# Conclusion

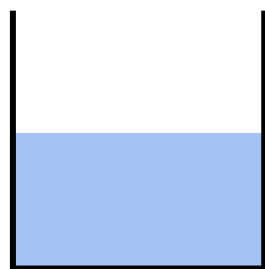
Match the Fraction to the Beaker

$\frac{1}{2}$

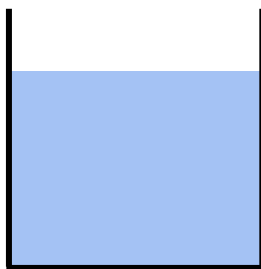
$\frac{2}{3}$

$\frac{3}{4}$

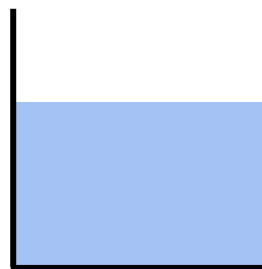
$\frac{2}{5}$



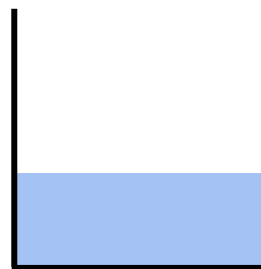
A



B



C



D

Work independently, then discuss as a class.