# When Are Halves Different?

When Jacob and Jerome looked at their data for the *Bouncing Ball* lab, they wondered what would happen if they dropped a tennis ball from a tall building. Jacob said, "Every time we dropped a ball during the lab, it bounced back about half of the drop height. Think how high a ball would bounce if we dropped it from the top of the Willis Tower in Chicago. That's one of the tallest buildings in the world."

Jerome said, "The CN Tower in Toronto is even taller. If we dropped the ball from the top of it, the ball would bounce even higher!"
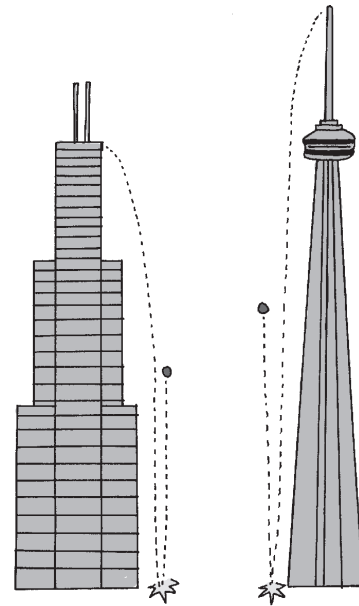
✓ Self-Check: Question 16

16. If each ball bounces one-half the distance of the drop height, will the bounce heights be the same? Why or why not?

Use the Self-Check Question and menu to choose practice showing fractional parts of different-sized unit wholes.

Workshop Menu			
Can I Do This?	**▲ Working On It!** I could use some extra help. *Ana*	**● Getting It!** I just need some more practice. *Jacob*	**■ Got It!** I'm ready for a challenge. *Nicholas*
Show fractional parts of different-sized unit wholes.	**Questions 17–18**	**Questions 17–21**	**Questions 17–22**