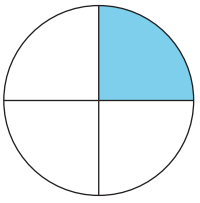
Lesson 11: A Bigger Piece

- Let's compare the size of halves and fourths.



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11.1: Which is Bigger?

1. ◦ Each partner cuts out their circle.

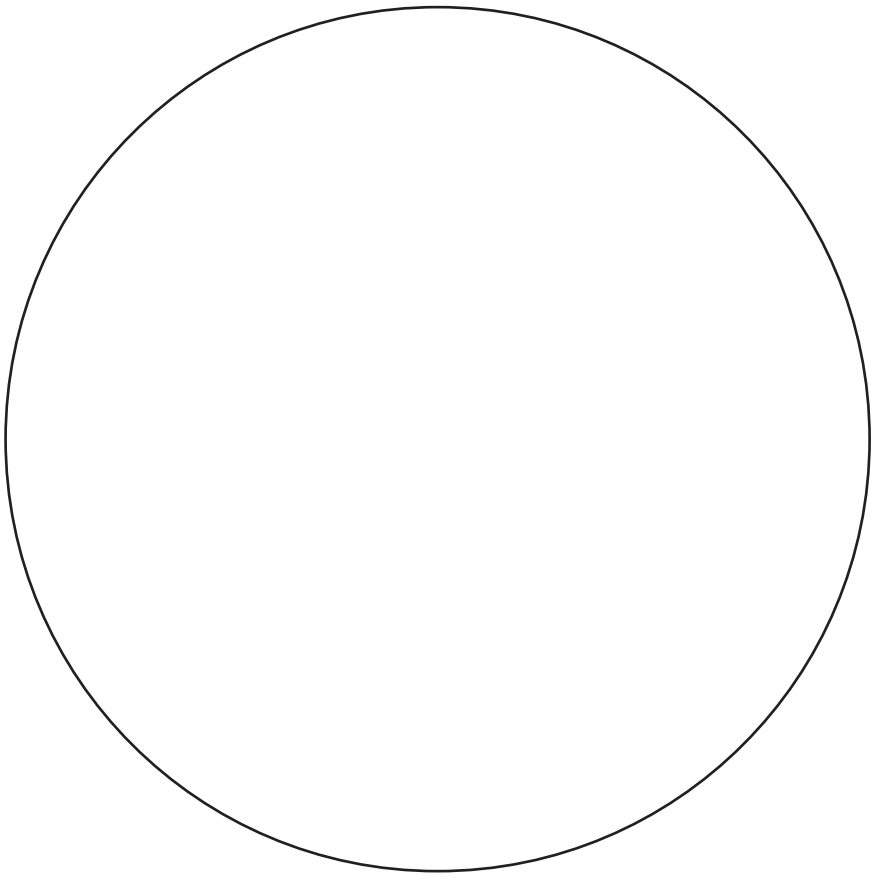
   ◦ Decide who will cut into halves and who will cut into fourths.

   ◦ Fold your circle into halves or fourths then cut it.

   ◦ Compare your pieces with your partner.

   ◦ What do you notice?

   ◦ Be ready to explain your thinking in a way that others will understand.



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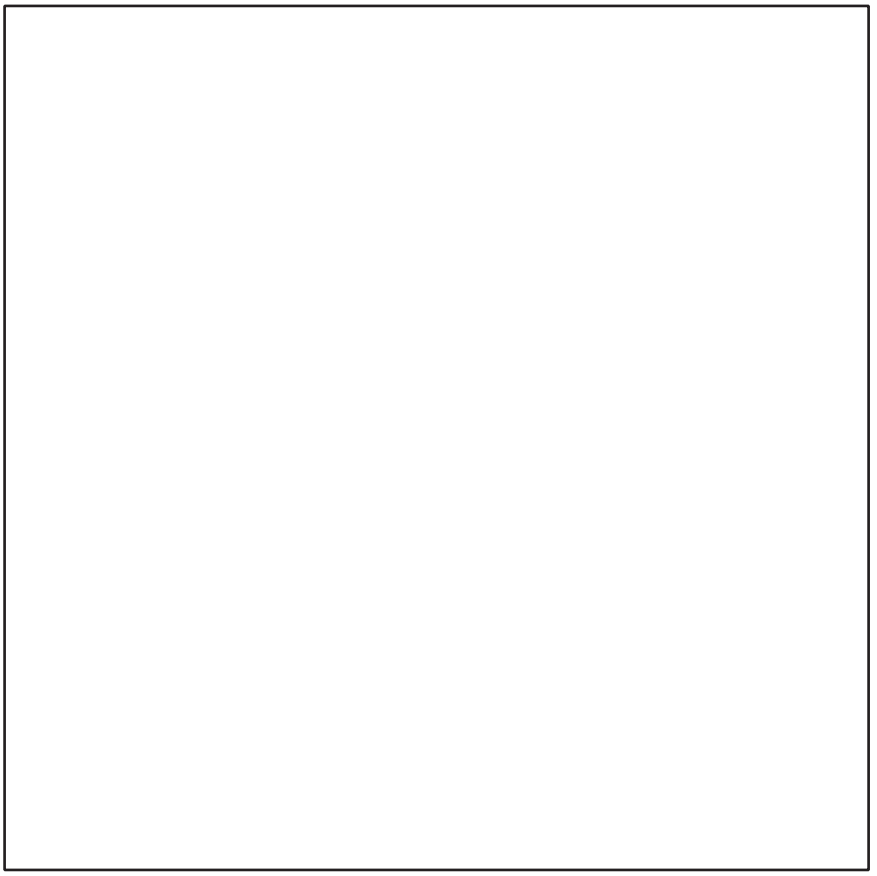
2. ◦ Repeat with your squares.

   ◦ Compare your pieces with your partner.

   ◦ What do you notice?

   ◦ Be ready to explain your thinking in a way that others will understand.



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3. Write 2 things you notice about your pieces.

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11.2: Priya and Han Share Roti

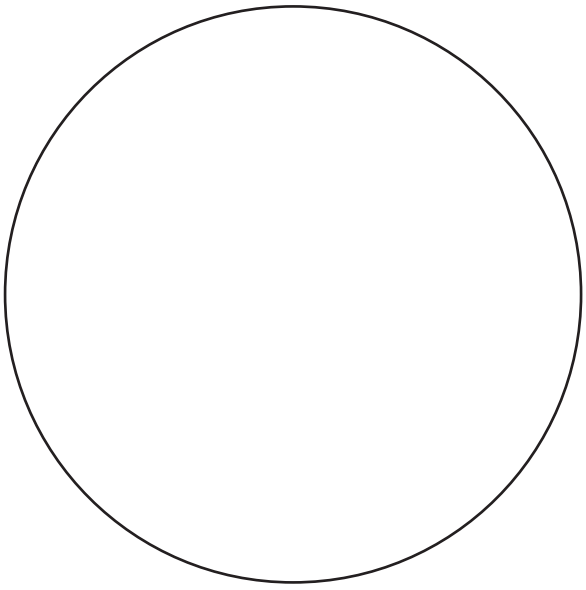
Priya and Han are sharing roti.

- Priya says, “I want half of the roti because halves are bigger than fourths.”
- Han says, “I want a fourth of the roti because fourths are bigger than halves because 4 is bigger than 2.”

Who do you agree with?

Show your thinking using drawings, numbers or words.

Use the circle if it helps you.



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Section Summary

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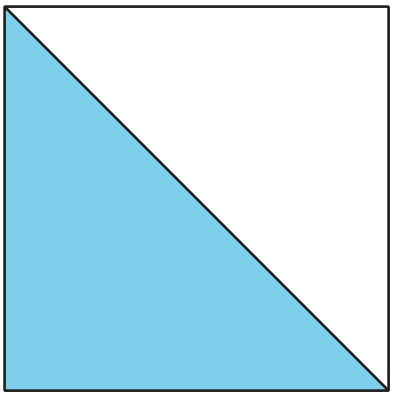
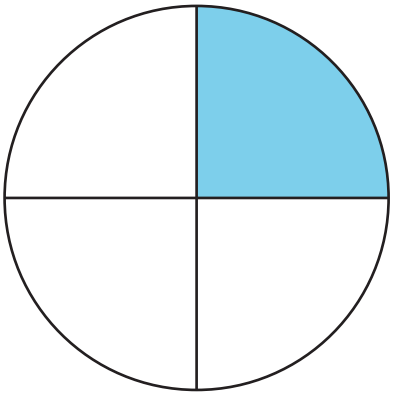
We learned that circles and rectangles can be split into two equal pieces which are called halves and four equal pieces which are called fourths or quarters.

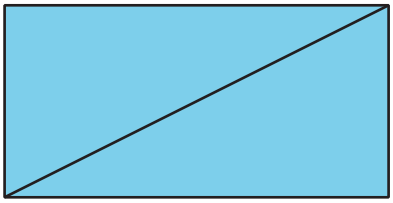
A half of the square is shaded.



A fourth or a quarter of the circle is shaded.



Two of the halves are shaded.



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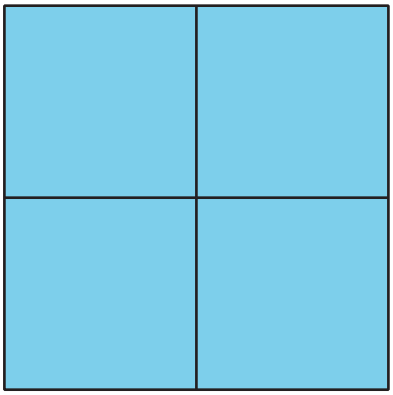
Four of the fourths are shaded.



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