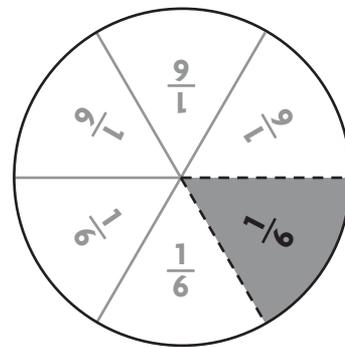


## Explore Angles

Find how many  $\frac{1}{6}$  turns make a complete circle.

**Materials:** fraction circles

**Step 1** Place a  $\frac{1}{6}$  piece so the tip of the fraction piece is on the center of the circle. Trace the fraction piece by drawing along the dashed lines in the circle.



**Step 2** Shade and label the angle formed by the  $\frac{1}{6}$  piece.

**Step 3** Place the  $\frac{1}{6}$  piece on the shaded angle. Turn it clockwise (in the direction that the hands on a clock move). Turn the fraction piece to line up directly beside the shaded section.

**Step 4** Trace the fraction piece. Shade and label it. You have traced 2 sixths in all.

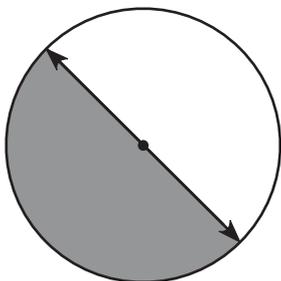
**Step 5** Repeat until you have shaded the entire circle.

There are six angles that come together in the center of the circle.

So, you need six  $\frac{1}{6}$  turns to make a circle.

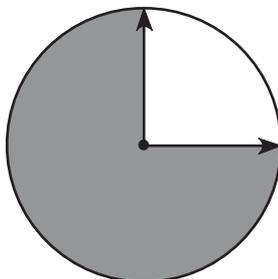
Tell what fraction of the circle the shaded angle represents.

1



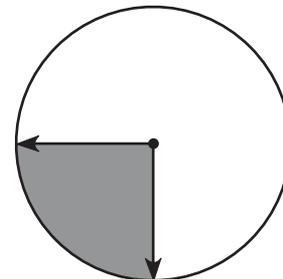
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2



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3



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