

Name \_\_\_\_\_

# Change Direction

## Steps

1. Sit on the floor across from a classmate. Put a tape mark on the floor for a starting line.
2. **Observe** Roll the ball to the classmate. Have the classmate push the ball when it gets close. Use tape to mark the place where the ball changes direction.
3. Use tape to mark where the ball stops. Then use string to show how the ball moved.
4. Switch roles and repeat steps 1–3.

## Think and Share

1. **Infer** Why did the ball change direction?

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Name \_\_\_\_\_

**2. Predict** In what direction will a ball move next time you push it?

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## Experiment

### Guided Inquiry

Move a different object. **Predict** how it will change direction when you push it. Draw or write about each step you take to make the object move.

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