

# ONE FOURTH, ONE HALF OR NOT EQUAL

**Purpose:** Students will identify if a shape is one-fourth, one-half, or neither.

**Suggested Grade Level:** K-1

**Math SOL:** Numbers and Number sense K.5, 1.3

## **Equipment/Materials Needed:**

1. Pictures of fractions representing  $\frac{1}{2}$   $\frac{1}{4}$  or neither (approximately 40)
2. 3 hula hoops
3. Labels for each hoop
4. Cone for each team (4 or 5 cones)

## **Advanced Preparation:**

1. Print out or create pictures that show the fractions you would like the kids to work with.
2. Place cones out for each team to begin behind.
3. Place 3 hula hoops in the front of the room. Label the hoops by placing an index card in the hoop with either  $\frac{1}{2}$  ,  $\frac{1}{4}$ , or not equal written on them.

## **Directions:**

1. Divide students into 4 or 5 groups and line them up behind a cone.
2. Explain to students that they will be taking turns retrieving a fraction picture and returning back to their group.
3. Tell the class that after their first team member returns, they will show their group the fraction picture they have picked up and they will all decide which fraction it represents, or if the fraction is not an equal fraction.
4. The team member who retrieved the fraction will then take it to the correctly labeled hula hoop for their team and then return to their team.
5. When the first team member returns, the next team member takes a turn.
6. Continue until all picture cards are gone.
7. Assign groups of students to sit around the hula hoops and check the pictures that are in the hoops. If there is any fraction that does not belong in the hoop, ask a student from that group to hold on to those pictures so the class can reassign those incorrect pictures at the end of the activity.

## **Teaching Suggestions:**

1. Have students skip or jump to get pictures and have students waiting their turn jog in place or do a physical activity while they wait.
2. Remind students to make sure everyone sees the fraction before the team member takes it to the appropriate hoop.

3. Remind team members waiting that their team member must return from placing the fraction in the hoop before the next person from their team can go.
4. If the team does not agree, then the person who retrieved the picture has the final decision.

**Modifications/Variations:**

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