

# ACT OUT THE FRACTION

**Purpose:** Students identify parts of a set and use proper fraction terminology using exercise as the fraction set.

**Suggested Grade Level:** K-2

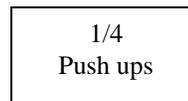
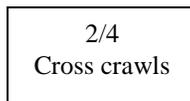
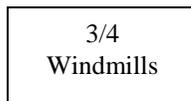
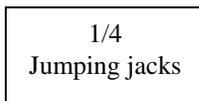
**Math SOL:** Number and Number Sense K.5, 1.3, 2.3

**Equipment/Materials Needed:**

1. Approximately 10 Index cards

**Advanced Preparation:**

1. Write a fraction out of 4 and an exercise on each card to identify the numerator



2. Make enough cards so that each group of 4 has an opportunity to participate in more than one round.

**Directions:**

1. Tell students that they will get a chance to show they know their fractions.
2. Divide class into groups of 4. (note: the teacher may need to be one of the four or you may have a group or two of three students – this will mean that you will need to have a few cards that have 3 as the denominator instead of four)
3. Explain that each group will receive an index card with a fraction and an exercise.
4. Remind students that the numerator is the number of students that will be doing the assigned exercise and that the denominator is the number of students in the group.
5. Give each group 30 seconds to decide which student(s) will participate in the exercise and which will remain still.
6. Have each group take a turn showing their fraction while the other students raise their hand to guess the fraction. Encourage students to use proper terminology “Two fourths of students are doing cross crawls” and discourage “2 out of 4 students are doing cross crawls”
7. Continue until all groups have gone.
8. Participate in a second round with new cards for each group.
9. Explain to students that if someone did NOT get to exercise the first time, that they should be the exerciser in the second round.

**Teaching Suggestions:**

1. Try to make sure that all students have a chance to be the “participant”. If they received a 3/4 card the first round try to give them a 1/4 card in round 2.
2. Continue to remind students to use the proper vocabulary, including “one half” for the 2/4.

**Modifications/Variations:**

1. Have students come up with their own fraction and exercise for a third round.
2. For 2<sup>nd</sup> grade have larger groups with different denominators.

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**1/4**

**jumping jacks**

**2/4**

**pushups**

**3/4**

**cross crawls**

**1/4**

**scissor kicks**

**2/4**

**sky punches**

**3/4**

**windmills**

**1/4**  
**push ups**

**2/4**  
**jumping jacks**

**3/4**  
**arm circles**

**1/4**  
**toe touches**

**2/4**  
**jogging in place**

**3/4**  
**squats**