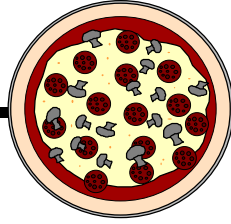


# Pizza Fraction Fun



## Math Concepts:

### Equivalent Fractions and Comparing Fractions

#### 1. Think - Pair - Square

Show the class the Pizza Problem (an overhead transparency works well). Give them time to think of their own answer, then pair with a partner to discuss it. Finally, ask teams to square or have a team discussion about their ideas.

#### 2. Teacher Reads

Read *Lunch with Cat and Dog* aloud (a big book is available).

#### 3. Think - Pair - Share

Pose the following question: Why were both cat and dog satisfied at the end of the story? Have students think about their own answer, then pair with a partner to discuss it. Finally, call on several students to share their ideas with the class.

#### 4. Individuals Decorate Pizzas

Give each team a set of pizzas in all fraction sizes. Have them place the Pizza Fraction Placemat in the middle and choose a pizza for their own. Tell students to decorate their pizzas as they would like to eat them.

#### 5. Teammates Share

Ask students to take turns telling their team about the pizzas they decorated.

#### 6. Solve Equivalent Fractions

Tell students to carefully cut apart their pizzas on the lines. Have them write the fraction on the back of each piece, along with the Team Number. Present the Equivalent Fractions problems one at a time. Have the students whose pieces are involved place the pieces on the placemat to help the team solve each problem as it is presented.

#### 7. Mix - Freeze - Pair (Compare Fractions)

Give each student a 7 x 10 brown envelope with a fraction written on the front (such as  $1/2$ ,  $3/8$ ,  $5/6$ , etc.) Ask students to place the appropriate pizza pieces in the envelope. Have students mix around the room, swapping envelopes as they move. Then say, Freeze! and Pair! When they pair, have them compare fractions on paper first. Then let them check their answers by removing the pieces from the envelopes to physically compare the sizes of the pizza pieces. After everyone is ready, repeat the steps of Mix-Freeze-Pair.