Mathematics
Grade 1
Fractions: Part of a Set
Dear Parent or Guardian:

Your child is currently learning how to appropriately describe parts of a set, such as three out of the four squares are blue. Here is your chance to help your child practice this important skill.

In this PAL Packet you will find a short activity for you and your child to do. Please do the activity and The Back Page this evening. Then sign your name on The Back Page and have your child return it tomorrow.

Remember, parents are a child’s first teacher. Thank you for your time and energy in making learning fun and exciting for your child.

Sincerely,

_________________________

Your child’s teacher
PARTS OF A SET

Parent Pointer —
Knowing the appropriate language to describe parts of a set is a building block that your child will use when learning about fractions. For example, your child may need to describe that five of the eight slices of a pizza have pepperoni. Therefore, $\frac{5}{8}$ of the pizza has pepperoni. Advertisers use this language when describing how many people out of a certain population buy their products.

Math in the Home, on the Go, and for the Fun of It —
DIRECTIONS: Read and discuss with your child the top two examples on the Describing Parts of a Whole Set reference sheet. These two examples show different ways to describe the number of parts of a whole set. Work through the “Now You Try It!” section with your child, having your child write the number of parts on the writing lines. Then, read and follow the directions for completing the activity on the Describe the Parts pages.

Talk about It —
After you have finished the activity, turn to The Back Page to have your child show what he or she knows.

Now go have some fun with the activity! ✨
Describing Parts of a Whole Set

A set of 4 cats
Two ways to describe these cats are:
1 out of 4 cats is striped.
3 out of 4 cats are white.

A set of 6 squares
Two ways to describe these squares are:
1 square out of 6 is white.
5 squares out of 6 are shaded.

Now You Try It!

out of 8 fruits are strawberries.

out of fruits are apples.

out of fruits are bananas.
Describe the Parts

Materials needed:
  Scissors
  Glue

Help your child follow the steps below to match the parts with the words or match the words with the parts on the activity page that follows:

😊 Cut out the pieces on the bottom half of the next page.

😊 Turn them face down on a table.

😊 Take turns choosing one cutout piece at a time.

😊 Glue the cutout piece chosen in the space next to the correct words or parts it matches.

😊 Read aloud the words that describe the parts of each set.

😊 Have fun!
Describe the Parts (continued)

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 out of 3 balloons is white</td>
</tr>
<tr>
<td>2 out of 3 balloons are shaded</td>
</tr>
<tr>
<td>3 balloons out of 7 are shaded</td>
</tr>
<tr>
<td>4 balloons of 7 are white</td>
</tr>
<tr>
<td>0 out of 5 are shaded</td>
</tr>
<tr>
<td>5 out of 5 are white</td>
</tr>
<tr>
<td>1 balloon out of 6 is shaded</td>
</tr>
<tr>
<td>5 balloons out of 6 are white</td>
</tr>
<tr>
<td>4 out of 10 are shaded</td>
</tr>
<tr>
<td>6 out of 10 are white</td>
</tr>
<tr>
<td>5 out of 8 balloons are white</td>
</tr>
<tr>
<td>3 out of 8 balloons are shaded</td>
</tr>
</tbody>
</table>
Parent — Ask your child the following question:

✓ What are two ways you could describe the parts of the following set?

😊😊😊😊

Write your child’s answer to the above question on the reverse side of this page.

OR

Do the following activity on the reverse side of this page:

✓ Have your child draw the following set of puppies: 4 out of 7 puppies are spotted; 1 out of 7 puppies is black; and 2 out of 7 puppies are white.