**FRACTION IDEAS PRACTICE TEST**

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| 1. Draw a circle divided into 6 equal parts. Shade 5 of those parts.   What fraction of the circle is shaded? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| What fraction of the circle is a? \_\_\_\_\_\_\_\_\_\_\_\_\_\_  What fraction of the circle is a, b and c combined?\_\_\_\_\_\_\_\_\_\_\_  What fraction of the circle is e?\_\_\_\_\_\_\_\_\_\_\_\_\_    What fraction of the circle is a? \_\_\_\_\_\_\_\_\_\_\_\_\_\_  What fraction of the circle is c,d,e,f,and g combined?\_\_\_\_\_\_\_\_\_\_\_  What fraction of the circle is g?\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. You want to share your pan of brownies equally among yourself and your 8 friends. Draw a picture of your pan of brownies showing how you would divide it up to share.   What fraction of the pan will each get? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Circle the larger fraction. Explain your thinking for each example.   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Give **two fraction names** for the shaded amount in each picture. You may draw on the pictures to help you find equivalent fractions.     \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ |
| 1. Find equivalent fractions. You may use your fraction circles to find equivalent fractions. |
| 1. Draw a picture of chips (or tiles) to show each fraction below. **Use 8 chips** as the unit for each example. |
| 1. How many fifths are shaded?     \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Give three fraction names for the amount shaded.     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Draw a picture of using 12 chips (or tiles). What is another fraction amount for the picture drawn?   Another fraction name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. If the whole circle is the unit, name the amount shaded in two different ways.   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Draw a picture to show . Name that amount using a mixed fraction.   Name as a mixed fraction \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. List three fractions equal to .   \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ |
| 1. Circle the larger fraction in each pair: |
| 1. Challenge: Which is bigger: or ? **Explain your thinking.** |
| 1. Use fraction circles to solve this problem. **Draw a picture of what you did with the circles.** |
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| 1. Use your fraction circles to solve this problem. Draw a picture of what you did with the circles.   *Alex needed cup of sugar to bake cookies. When he measured out the sugar, he had only cup of sugar. How much more sugar did he need?*  Pictures  Answer \_\_\_\_\_\_\_ |
| 1. Ty noticed that there was of a pizza left over. He ate an amount equal to of the pizza. How much of a whole pizza was left? Use your fraction circles to solve and draw a picture of what you did.   Pictures  Answer \_\_\_\_\_\_\_ |
| 1. Is the answer to this problem greater than one or less than one? Explain your thinking.       Explanation |
| 1. Is this a reasonable answer? Explain your thinking.     Explanation |