

Name: \_\_\_\_\_

Date: \_\_\_\_\_



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# FRACTION KIT

**Materials:** Colored Construction Paper, Scissors, Ruler, Markers, and Explorer's Attitude

**Step-By-Step Reference:** Visit [www.youtube.com/mashupmath](http://www.youtube.com/mashupmath) to access the corresponding video lesson.

### Questions:

1.) Recreate your fraction kit in the diagram below for the following fractions:

$$\frac{1}{2}$$

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{16}$$

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**Questions (continued)**

2.) Based on your fraction kit, explain why  $\frac{1}{2} + \frac{1}{2} = 1$  ?

3.) Find the value of ? in each statement:

$$\frac{?}{8} = \frac{1}{4}$$

$$\frac{2}{?} = \frac{1}{2}$$

$$\frac{?}{16} = \frac{3}{4}$$

4.) For each of the following, fill in the blank using  $>$ ,  $<$ , or  $=$  .

$$\frac{1}{2} \text{ — } \frac{1}{4}$$

$$\frac{1}{3} \text{ — } \frac{1}{2}$$

$$\frac{2}{16} \text{ — } \frac{1}{8}$$

$$\frac{3}{4} \text{ — } \frac{10}{16}$$