

WorksheetCloud: MEMORANDUM

Grade: 3

Subject: Maths

Topic: Exploring Fractions

1. Label this fraction with the correct word from the box.

The fraction  $\frac{3}{4}$  is shown with a yellow numerator '3' and a blue denominator '4'. A horizontal line separates them. Three red arrows point from the numbers to labels: 'numerator' points to the '3', 'denominator' points to the '4', and 'out of' points to the horizontal line. To the right is a box containing the words: denominator, numerator, and out of.

2. Match the meanings with the words in the box.



a. What does the number 4 in the fraction mean?  
**How many equal pieces an object is divided into.**

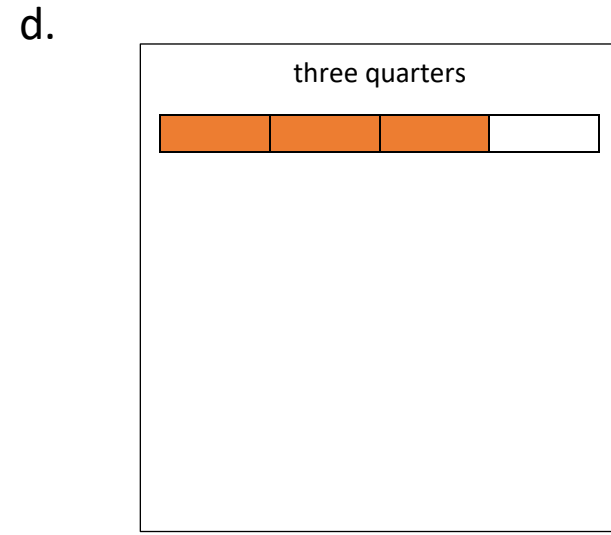
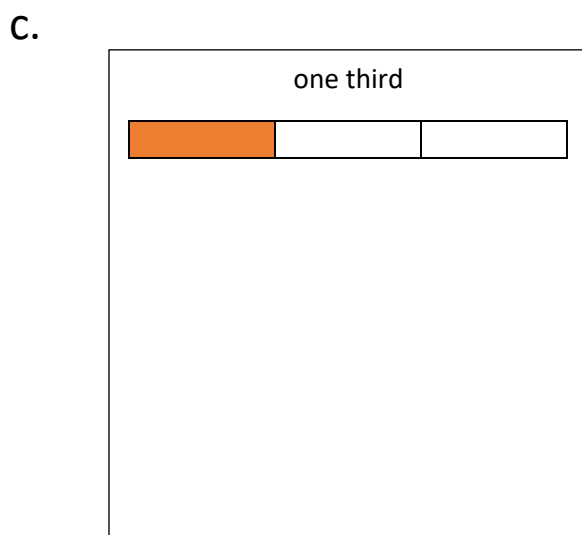
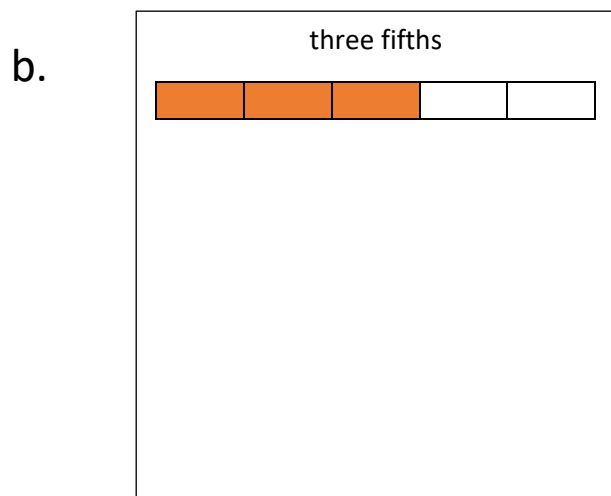
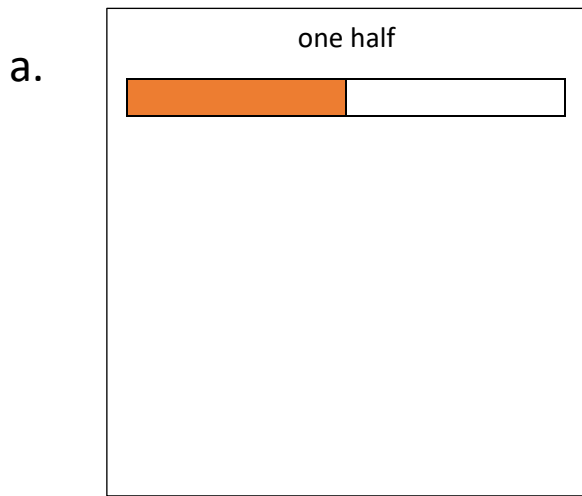
b. What does the number 3 in the fraction mean?  
**The number of pieces taken out of the 4 pieces.**

c. What does the line between the number 3 and 4 mean?  
**The line means out of e.g. I ate 3 out of 4 pieces of cake.**

d. Write your own maths story using the number  $\frac{3}{4}$ .

**I buy 4 doughnuts and I give 3 out of the 4 doughnuts away. I give  $\frac{3}{4}$  away and I have  $\frac{1}{4}$  left over.**

**3. Use rectangular shapes or circles to draw the following fractions in the boxes.**



**4. Answer these questions.**

a. Use the symbols  $>$   $<$  or  $=$  to make these number statements true. Draw the fractions to help you!

$$\frac{2}{3} \text{ --- } > \text{ --- } \frac{1}{3}$$

$$\frac{1}{2} \text{ --- } < \text{ --- } \frac{3}{4}$$

$$\frac{2}{4} \text{ --- } = \text{ --- } \frac{1}{2}$$

b. How many halves do I get if I cut 5 apples in half? **10 halves**

c. If I cut up 3 chocolate bars each into 4 equal pieces, how many quarters will I get altogether? **12 quarters**