Exploring Fractions

Activity 1

You will need one orange, 7 red, 11 white and 2 yellow. (Orange is a whole)

1. How many reds in an orange?
2. If orange is a whole, what fraction is a red?
3. What fraction is a yellow?
4. What fraction is a white?
5. Copy and complete: \_\_\_\_yellow = \_\_\_\_\_white. Write this as a fraction: $\frac{?}{2}= \frac{?}{10}$

Activity 2

You will need 2 purple, 8 white, 1 brown and 5 red. (Brown is a whole)

1. How many reds in a brown?
2. How many whites in a brown?
3. How many purples in a brown?
4. What fraction is a red?
5. What fraction is a white?
6. Copy and complete: \_\_\_\_\_\_red = \_\_\_\_\_\_ white = \_\_\_\_\_\_\_purple
7. Copy and complete: $\frac{?}{2}= \frac{?}{8}$ (purple and white)
8. Copy and complete: $\frac{?}{?}= \frac{?}{8}$ (red and white)
9. Copy and complete: $\frac{?}{?}= \frac{?}{?}$ (purple and red)

Activity 3

You will need 2 orange, 5 yellow, 7 purple and 5 white. (2 oranges = a whole)

1. How many purples in a whole?
2. How many whites in a whole? (you can only use the rods you have got!)
3. What fraction is a:
	1. Yellow?
	2. Orange?
	3. Purple?
	4. White?
4. Using yellows and whites…
	1. 2 yellow = \_\_\_\_ white.
	2. Write this as fractions: $\frac{?}{?}=\frac{?}{?}$
	3. How many $\frac{1}{20}$ s will make a whole?
5. Using purples and whites…
	1. \_\_\_purple = \_\_\_\_white
	2. Write this in fractions