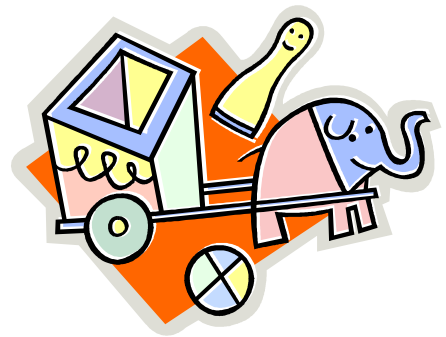


Parts of a Set, Parts of a Number



Materials: Different kinds of counters
Cups or plates for grouping
Paper and pencil for recording

Have you ever shared a group of things with someone? Then you've made a fractional part of a set.

1. Select the counters you would like to use to make your sets.
2. Take 12 items out of the bag and place them on the felt.
3. Pretend you are dividing the 12 items amongst 3 friends. How many will items will each person get?
4. Put out 3 plates and divide the 12 items equally.
5. How many items did one person get? That's $\frac{1}{3}$ of 12. How many items did two people get? That's $\frac{2}{3}$ of 12. What is $\frac{3}{3}$ of 12?
6. Take 15 items out of the bag and place them on the felt.
7. Pretend you are dividing the 15 items amongst 3 friends. How many will items will each person get?
8. Put out 3 plates and divide the 15 items equally.
9. How many items did one person get? That's $\frac{1}{3}$ of 15. How many items did two people get? That's $\frac{2}{3}$ of 15. What is $\frac{3}{3}$ of 15?
10. Repeat this process with 24 items divided among 6 friends. Record the fractional parts of a set.

Challenge: Try this without counters and use drawings instead.