

# Buckets of Fractions



$$\frac{5}{4}$$



Adapted from North Carolina Dept. of Public Instruction



# Buckets of Fractions

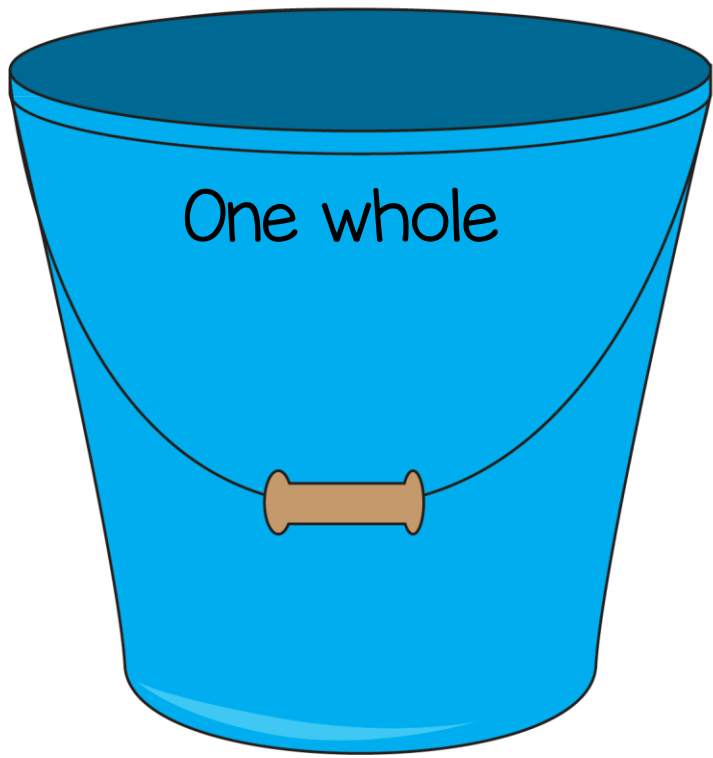
## Materials:

- Fraction cards
- Bucket cards
- Fraction manipulatives and number line

## Directions:

- 1) Partners lay out the fraction buckets in the correct order.
- 2) Shuffle the fraction cards and lay them face down in a pile.
- 3) Partners take turns turning over a fraction card and identifying which bucket it belongs in.
- 4) As the card is being placed on the bucket, the student must explain why they are choosing that particular bucket. If the partner agrees with the explanation, another card is flipped and the students continue. If the partner does not agree with the explanation, they get a turn to explain where they think it goes. Both partners must agree on which bucket each card will be placed in. If the pair cannot agree, they can place the fraction card to the side for later.
- 5) Repeat until all of the cards have been placed.





One whole

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

$$\frac{3}{2}$$

$$\frac{5}{2}$$

$$\frac{1}{3}$$

$$\frac{2}{3}$$

$$\frac{3}{3}$$

$$\frac{6}{3}$$

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

$$\frac{2}{4}$$

$$\frac{3}{4}$$

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

$$\frac{5}{4}$$

$$\frac{1}{5}$$

$$\frac{3}{5}$$

$$\frac{4}{5}$$

$$\frac{5}{5}$$

$$\frac{6}{5}$$

$$\frac{9}{5}$$

$$\frac{2}{6}$$

$$\frac{3}{6}$$

$$\frac{5}{6}$$

$$\frac{6}{6}$$

$$\frac{2}{8}$$

$$\frac{4}{8}$$

$$\frac{5}{8}$$

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

$$\frac{11}{8}$$

$$\frac{3}{10}$$

$$\frac{5}{10}$$

$$\frac{9}{10}$$

$$\frac{10}{10}$$

$$\frac{3}{12}$$

$$\frac{6}{12}$$

$$\frac{9}{12}$$

$$\frac{12}{12}$$

$$\frac{10}{20}$$

# Solution



$\frac{2}{3}$   $\frac{3}{4}$   $\frac{3}{5}$   $\frac{4}{5}$   $\frac{5}{6}$   $\frac{5}{8}$   $\frac{9}{10}$   $\frac{9}{12}$



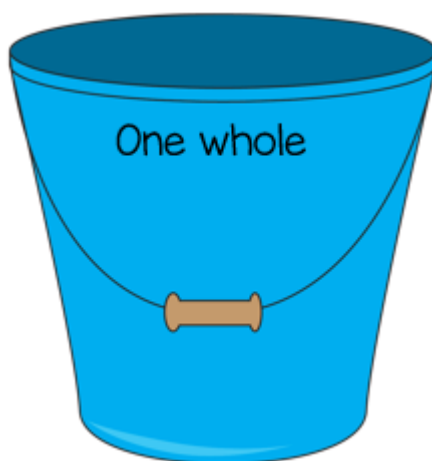
$\frac{1}{3}$   $\frac{1}{4}$   $\frac{1}{5}$   $\frac{2}{6}$   $\frac{2}{8}$   $\frac{3}{10}$   $\frac{3}{12}$



$\frac{5}{2}$   $\frac{6}{3}$   $\frac{5}{4}$   $\frac{6}{5}$   $\frac{9}{5}$   $\frac{11}{8}$   $\frac{3}{2}$



$\frac{1}{2}$   $\frac{2}{4}$   $\frac{3}{6}$   $\frac{4}{8}$   $\frac{5}{10}$   $\frac{6}{12}$   $\frac{10}{20}$



$\frac{3}{3}$   $\frac{4}{4}$   $\frac{5}{5}$   $\frac{6}{6}$   $\frac{8}{8}$   $\frac{10}{10}$   $\frac{12}{12}$

# Graphics and Fonts

