

Parent-Child Connection

Fractions Greater than One

Materials needed: Crayons or markers

Background:

- You most likely learned a rule to change “improper fractions” into “mixed numbers”. Too often a rule is told to students before they are ready to make sense of it. In this activity your child will learn how to change mixed numbers to improper fractions and back again using the pictures. These pictures will help him or her make sense of the rule once it is introduced in math class.
- Vocabulary:
 - Mixed number: $3 \frac{1}{2}$ (a whole number and a fraction)
 - Improper fraction: $\frac{7}{2}$ (the top part of the fraction is greater than the bottom part)

Activity:

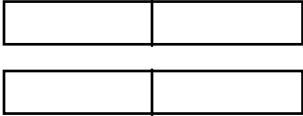
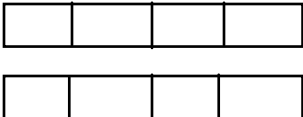
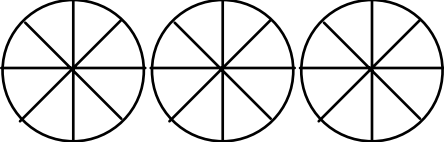
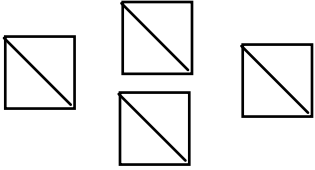
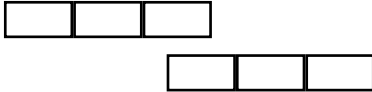
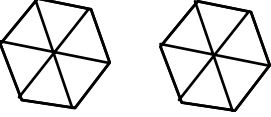
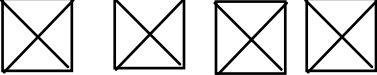
- Ask your child to shade in the picture to show the fraction given. Then using the picture, write the fraction in a new way.



Two full bars are shaded and $\frac{1}{4}$ of a third bar is shaded.

Count up the total number of fourths shaded and record as $\frac{9}{4}$.

Student Page: Fractions Greater than One

Mixed Number		Improper Fraction
$1\frac{1}{2}$		
		$\frac{7}{4}$
$2\frac{3}{8}$		
		$\frac{7}{2}$
$1\frac{1}{3}$		
		$\frac{10}{6}$
$3\frac{1}{4}$		

Follow up:

- Write the fraction $3\frac{1}{2}$.
- Ask your child to draw a picture to find the improper fraction.
- Repeat for other examples, sometimes starting with the improper fraction.
- Say the fraction, three and 2-thirds. Ask your child to imagine the picture that would help him/her find the improper fraction.