

**IMPACT
LESSON PLAN**

GRADE LEVEL: THIRD

Ch/Sec: 12-5

Concept: Compare Fractions

Objective: Students will be able to compare fractions.

Standards CA: 3.NF.3d

SMP: 2, 5, 6, 7

Materials Needed:

- Fraction Bars

Key Vocabulary:

- Equivalent fractions
- Greater than
- Less than
- Equal

esson: (denominator of 2, 3, 4, 6, and 8, same numerator or denominator)

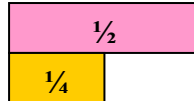
1. Pass out fraction bars to 2-4 students.
2. State the objective to the class.
3. (I) Teacher models on the document camera

Same Numerator

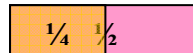
Ex1:

$$\frac{1}{2} \bigcirc \frac{1}{4}$$

Using fraction bars, line up one half piece and one fourth piece to compare.



Then, stack the fourth piece on top of the half piece to compare a different way.



Ex2:

$$\frac{1}{6} \bigcirc \frac{1}{3}$$

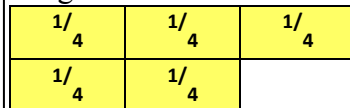
Repeat same process as Ex 1 with thirds and sixths pieces.

Same Denominator

Ex3:

$$\frac{3}{4} \bigcirc \frac{2}{4}$$

Line up 3 fourth pieces and 2 fourth pieces to show that three-fourths is larger.



4. (WE) Have students work with each other. Ask them to do one at a time and CFU to see if they understand. Have a student come up to show how they compare.

$$\frac{4}{6} \bigcirc \frac{4}{8}, \quad \frac{3}{4} \bigcirc \frac{3}{6}, \quad \frac{3}{3} \bigcirc \frac{3}{4}, \quad \frac{3}{8} \bigcirc \frac{5}{8}$$

5. (YOU) Students repeat Step 4 independently using appropriate pieces.

$$\frac{2}{2} \bigcirc \frac{1}{2}, \quad \frac{2}{4} \bigcirc \frac{2}{4}, \quad \frac{2}{3} \bigcirc \frac{2}{6}, \quad \frac{3}{4} \bigcirc \frac{3}{8}$$

Suggested Independent Work:

- Step 5 above
- HW: Compare Fractions worksheet on Teacher Share

Intervention Strategies:

- Small group
- Teacher circulates
- Students assist peers, since they are working in groups of 4.

Challenge Suggestions:

- Students create their own comparison problems and share with the class.

Closure Activity:

- Restate objective
- Final model by teacher on ELMO