

# FRACTIONS PART I

Comparing & Ordering Fractions and Equivalent Fractions

## interactive NOTEBOOK

4<sup>TH</sup> GRADE

This unit includes  
16 different  
fraction  
activities

math



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Table of Contents with each activity listed for quick reference.



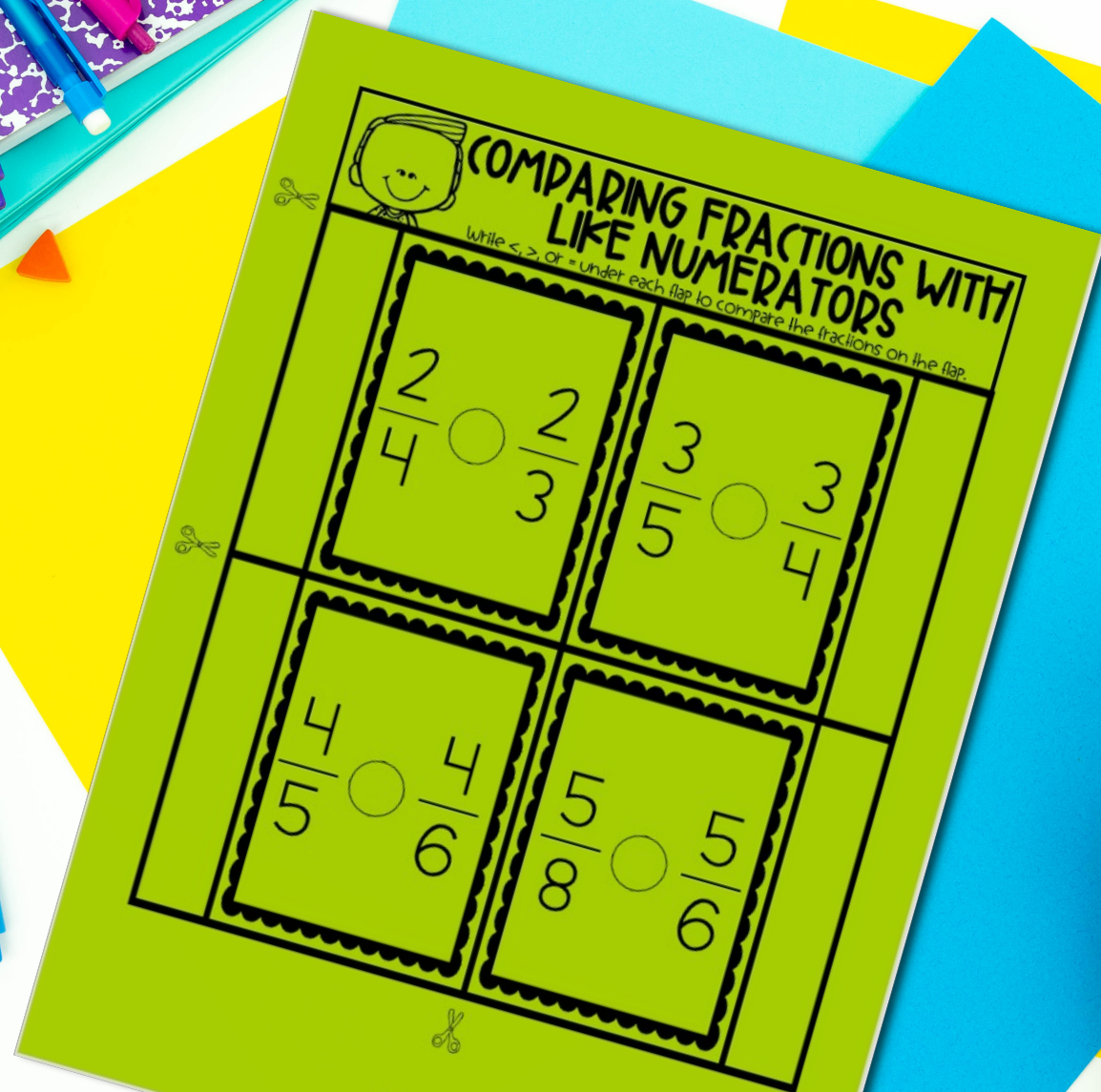
**ORDERING FRACTIONS**  
Write the fractions on the flaps in order from least to greatest.

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| $\frac{3}{7}$ | $\frac{6}{8}$ | $\frac{2}{4}$ | $\frac{2}{6}$ |
| $\frac{3}{5}$ | $\frac{4}{8}$ | $\frac{5}{6}$ | $\frac{3}{4}$ |
| $\frac{6}{7}$ | $\frac{5}{5}$ | $\frac{1}{4}$ | $\frac{1}{6}$ |
| $\frac{3}{4}$ | $\frac{4}{7}$ | $\frac{6}{7}$ | $\frac{4}{8}$ |
| $\frac{2}{8}$ | $\frac{1}{6}$ | $\frac{5}{7}$ | $\frac{2}{5}$ |

**HOT** Learning  
Teacher

A great tool for practicing new skills and assessing mastered skills.





Super-simple cuts and no unnecessary coloring.



# FRACTION SORT

- Each student will need two pages, one with the title and pockets and one with the fraction cards. Multiple templates are included to allow for differentiation.

- Cut out the rectangular title at the top of the page.

- Then, cut out the two pockets, being careful to cut around each of the "Fold and Glue Here" flaps.

- Next, cut out the large rectangle of fraction cards. Cut horizontally and vertically between the cards to separate them into 9 individual cards.

- Apply glue to each of the pocket flaps labeled "Fold and Glue here." Then, fold the flaps back, so they are under the pocket.

- The pockets should be glued to the notebook below the title so that they are open on top and fraction cards can be placed inside.

## FRACTION SORT

Less Than  $\frac{1}{2}$

Greater Than  $\frac{1}{2}$

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

Less Than  $\frac{1}{2}$

Greater Than  $\frac{1}{2}$

# MIXED NUMBERS & IMPROPER FRACTIONS FLAPS

Each student will need one page of flaps. Multiple templates are included to allow for differentiation.

Cut out the rectangular title at the top of the page.

Cut out the large square with all the fraction cards.

Separate the sets of fraction cards between the sets of flaps.

Apply glue to the numbered flap.

Attach the flap at the top of the notebook.

## MIXED NUMBERS & IMPROPER FRACTIONS

|                 |                |                |                |
|-----------------|----------------|----------------|----------------|
| $2\frac{4}{6}$  | $\frac{11}{9}$ | $\frac{8}{7}$  | $\frac{11}{8}$ |
| $\frac{10}{5}$  | $\frac{2}{10}$ | $\frac{15}{6}$ | $\frac{4}{3}$  |
| $3\frac{1}{10}$ | $\frac{7}{10}$ | $\frac{6}{10}$ | $\frac{2}{6}$  |

|                 |                |                |                |
|-----------------|----------------|----------------|----------------|
| $2\frac{4}{6}$  | $\frac{11}{9}$ | $\frac{8}{7}$  | $\frac{11}{8}$ |
| $\frac{10}{5}$  | $\frac{2}{10}$ | $\frac{15}{6}$ | $\frac{4}{3}$  |
| $3\frac{1}{10}$ | $\frac{7}{10}$ | $\frac{6}{10}$ | $\frac{2}{6}$  |

|                 |                |                |                |
|-----------------|----------------|----------------|----------------|
| $2\frac{4}{6}$  | $\frac{11}{9}$ | $\frac{8}{7}$  | $\frac{11}{8}$ |
| $\frac{10}{5}$  | $\frac{2}{10}$ | $\frac{15}{6}$ | $\frac{4}{3}$  |
| $3\frac{1}{10}$ | $\frac{7}{10}$ | $\frac{6}{10}$ | $\frac{2}{6}$  |

Detailed cutting and gluing directions for each activity page.



### MULTIPLY TO FIND EQUIVALENT FRACTIONS

Multiply each numerator and denominator by the number listed on the flap to form an equivalent fraction. Write the equivalent fraction under the flap.

$$1 \times 2 = \frac{?}{?}$$

$$\frac{1}{2} \times 2 = \frac{?}{?}$$

$$1 \times 3 = \frac{?}{?}$$

$$\frac{1}{3} \times 3 = \frac{?}{?}$$

$$1 \times 5 = \frac{?}{?}$$

$$\frac{1}{4} \times 5 = \frac{?}{?}$$

$$2 \times 4 = \frac{?}{?}$$

$$\frac{2}{3} \times 4 = \frac{?}{?}$$

$$3 \times 6 = \frac{?}{?}$$

$$\frac{3}{4} \times 6 = \frac{?}{?}$$

### MULTIPLY TO FIND EQUIVALENT FRACTIONS

Multiply each numerator and denominator by the number listed on the flap to form an equivalent fraction. Write the equivalent fraction under the flap.

$$10 \times 2 = ?$$

$$\frac{10}{12} \times 2 = \frac{?}{?}$$

$$5 \times 4 = ?$$

$$\frac{5}{7} \times 4 = \frac{?}{?}$$

$$6 \times 5 = ?$$

$$\frac{6}{12} \times 5 = \frac{?}{?}$$

$$2 \times 3 = ?$$

$$\frac{2}{10} \times 3 = \frac{?}{?}$$

$$3 \times 6 = ?$$

$$\frac{3}{4} \times 6 = \frac{?}{?}$$

Multiple versions of most activities allow for differentiation.



## ANSWER KEY

$$\frac{1}{2} \frac{3}{5} \frac{6}{7}$$

$$\frac{1}{4} \frac{3}{6} \frac{2}{3}$$

$$\frac{8}{16} \frac{7}{12} \frac{5}{6}$$

$$\frac{3}{8} \frac{7}{10} \frac{4}{5}$$

$$\frac{1}{6} \frac{3}{4} \frac{4}{5}$$

$$\frac{1}{3} \frac{5}{12} \frac{4}{9}$$

$$\frac{3}{4} \frac{7}{8} \frac{5}{16}$$

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

$$\frac{2}{8} \frac{2}{5} \frac{2}{3}$$

$$\frac{1}{4} \frac{4}{8} \frac{10}{12}$$

$$\frac{5}{6} \frac{9}{10} \frac{7}{7}$$

$$\frac{2}{11} \frac{3}{12} \frac{6}{8}$$

$$\frac{1}{2} \frac{8}{9} \frac{9}{10}$$

$$\frac{6}{10} \frac{8}{12} \frac{12}{15}$$

$$\frac{2}{4} \frac{4}{7} \frac{2}{2}$$

$$\frac{6}{12} \frac{5}{9} \frac{3}{5}$$

$$\frac{7}{16} \frac{5}{8} \frac{11}{12}$$

$$\frac{10}{15} \frac{6}{7} \frac{7}{8}$$

## ANSWER KEY

**FRACTIONS & BENCHMARKS**  
Write the fractions listed on the strip under the proper flap depending on whether they are closest to 0,  $\frac{1}{2}$ , or 1.

ANSWERS MAY VARY FOR  $\frac{1}{4}$  AND  $\frac{6}{8}$

$$\frac{1}{8}$$

$$\frac{3}{8}$$

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

$$\frac{6}{8}$$

$$\frac{7}{8}$$

**FRACTIONS & BENCHMARKS**  
Write the fractions listed on the strip under the proper flap depending on whether they are closest to 0,  $\frac{1}{2}$ , or 1.

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

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

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

**BENCHMARKS**  
Write the fractions listed on the strip under the proper flap depending on whether they are closest to 0,  $\frac{1}{2}$ , or 1.