Name: _____ Date: _____

Ordering Fractions

🎯 **Learning Target**

I can **order fractions from least to greatest and greatest to least** using models, number lines, and benchmarks like **0, ½, and 1** to justify my reasoning.

🧠 **Review and Model**

When ordering fractions, ask:
✓ Do the fractions have the same denominator?
— If yes, compare the numerators.
✓ Do the fractions have different denominators?
— Compare them using:

- Equivalent fractions
- Visual models
- Number lines
- Benchmarks (0, ½, 1)

Example:
Order **1/8, 5/6, 3/4, 1/2** from **least → greatest**

Benchmark	**Close Fractions**	**Reasoning**
Close to 0	1/8	Much smaller than ½
Close to ½	1/2	Exactly ½
Close to 1	3/4 and 5/6	Both greater than ½, but 5/6 is closer to 1

Final Order: 1/8, 1/2, 3/4, 5/6

✏ Student Practice

Directions: For each set, order the fractions **from least to greatest**. Show your strategy (number line, benchmark, or equivalent fractions).

Set 1

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

Ordered **least → greatest**:

Set 2

$$\frac{4}{5}, \frac{3}{10}, \frac{7}{8}, \frac{1}{4}$$

Ordered **least → greatest**:

Set 3

$$\frac{9}{12}, \frac{5}{12}, \frac{1}{3}, \frac{7}{12}$$

Ordered **least → greatest**:

Set 4

$$\frac{3}{4}, \frac{2}{6}, \frac{5}{6}, \frac{1}{3}$$

Ordered **least → greatest**:

⏳ Challenge Round

Order the following fractions **from greatest to least**:

$$\frac{11}{12}, \frac{2}{3}, \frac{7}{10}, \frac{5}{8}, \frac{1}{2}$$

Ordered **greatest → least**:

✍ Justify Your Thinking

Choose **one** set and explain **how you know the order is correct**. Use vocabulary from the word bank.

Word Bank: numerator, denominator, benchmark, number line, equivalent fraction, closer to 1, closer to 0, greater than, less than

My explanation:

📌 Exit Ticket

Circle the correct answer.

Which fraction is **closest to 1**?

$$\frac{4}{6} \quad \frac{7}{8} \quad \frac{2}{5} \quad \frac{3}{4}$$