

Ordering Fractions

Strategies for comparing fractions
and ordering from least to greatest



Predict and Discuss

Write these fractions in order from least to greatest.

A

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

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

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

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





Check Your Work

Use the ordering tool to model these fractions.

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

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

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

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



Model Fractions

What pattern do you see?

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

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

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

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



Represent and order these fractions on your paper without the tool:

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

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

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

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

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

B

$$\frac{\square}{\square}$$

<

$$\frac{\square}{\square}$$

<

$$\frac{\square}{\square}$$

<

$$\frac{\square}{\square}$$

<

$$\frac{\square}{\square}$$

Discuss your strategies and models as a class.



Check Your Work

Use the ordering tool to model these fractions.

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

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

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

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

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



Model Fractions

How can the tool help us develop strategies for ordering?

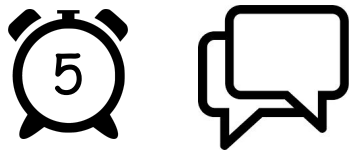
$$\frac{5}{6}$$

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

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

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

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



Find the Mistake

Share with a partner then discuss with the class where you think the mistake is.

$$\frac{1}{9} < \frac{1}{7} < \frac{3}{4} < \frac{3}{6} < \frac{7}{8}$$