Ordering Fractions

Strategies for comparing fractions and ordering from least to greatest





Predict and Discuss

Write these fractions in order from least to greatest on your paper.

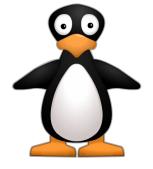


<u>3</u>

<u>3</u>

<u>3</u>

<u>3</u>8





Check Your Work

Use the ordering tool to model these fractions.

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

$$\frac{3}{4}$$
 $\frac{3}{8}$ $\frac{3}{6}$ $\frac{3}{3}$



Model Fractions

What pattern do you see?

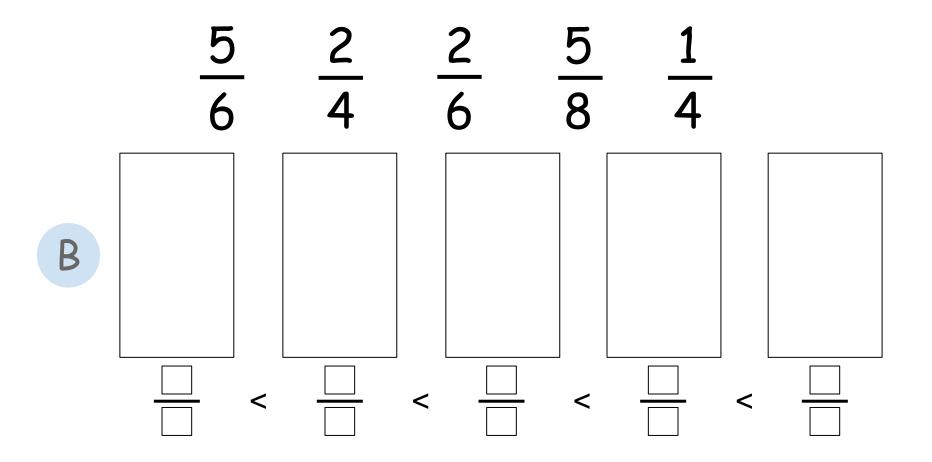
$$\frac{3}{4}$$

$$\frac{3}{4}$$
 $\frac{3}{8}$ $\frac{3}{6}$ $\frac{3}{3}$





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



Discuss your strategies and models as a class.





Check Your Work

Use the ordering tool to model these fractions.

$$\frac{5}{6}$$
 $\frac{2}{4}$ $\frac{2}{6}$ $\frac{5}{8}$ $\frac{1}{4}$

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



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

Where you think the mistake is?

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

Write the correct order on your paper, share with a partner, then discuss with the class.