

FRACTIONS ON A NUMBER LINE

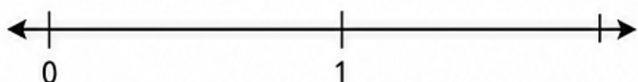
STRATEGY MAT

Name: _____

Date: _____

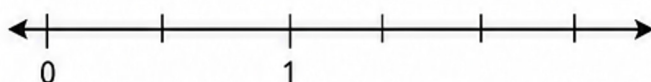
1. BUILD THE NUMBER LINE

Draw a number line that fits the problem.



2. MARK THE FRACTIONS

Divide the number line into equal parts. Mark and label the fractions.



3. COMPARE

Use the number line to compare fractions.

$$\frac{1}{4} \quad \square \quad \bigcirc \quad \square \quad \frac{3}{4}$$

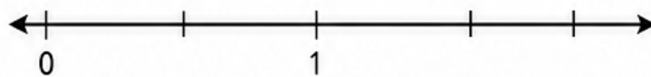
$$\frac{2}{3} \quad \square \quad \bigcirc \quad \square \quad \frac{5}{6}$$

$$\frac{3}{8} \quad \square \quad \bigcirc \quad \square \quad \frac{5}{8}$$

Use $<$, $>$ or $=$

4. EQUIVALENT FRACTIONS

Plot equivalent fractions on the number line. Write other equivalent fractions.



$$\frac{1}{2} = \square = \square$$

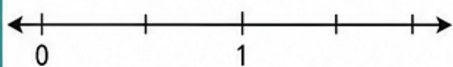
$$\frac{1}{3} = \square = \square$$

$$\frac{2}{4} = \square = \square$$

5. SOLVE & SHOW YOUR THINKING

A. Plot these fractions:

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



B. Order from least to greatest:

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

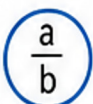
____, _____, _____, _____

C. Write a fraction that is:

a) Halfway between 0 and 1: _____

b) Greater than $\frac{1}{2}$ but less than 1:

KEY REMINDERS



A fraction shows equal parts.



The arrow shows the number line continues.



The numbers show the whole between 0 and 1.



Check your answers on the number line.