Year 3 Maths   5-2-21

LO: LO: I can order unit fractions and fractions with the same denominator.

Parent Notes:

Children order unit fractions and fractions with the same denominator. They use bar models and number lines to order the fractions and write them in ascending and descending order.

Continue to encourage children to use stem sentences to explain why they can compare fractions when the numerators or the denominators are the same.

Key Questions:

How many equal parts has the whole been divided in to?

How many equal parts need shading?

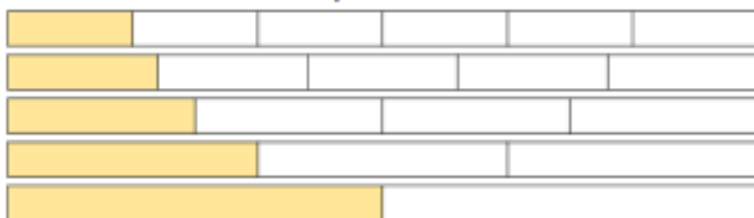Which is the largest fraction?

Which is the smallest fraction?

Which fractions are the hardest to make as paper strips? Why do you think they are harder to make?

Varied Fluency Questions:

1.

Divide strips of paper into halves, thirds, quarters, fifths and sixths and colour in one part of each strip.
Now order the strips from the <u>smallest</u> to the <u>largest</u> fraction.

When the numerators are the same, the _____ the denominator, the _____ the fraction.

2.

Place the fractions on the number line.

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

3.

Order the fractions in descending (*largest to smallest*) order.

$$\frac{3}{8} \qquad \frac{5}{8} \qquad \frac{1}{8} \qquad \frac{8}{8} \qquad \frac{7}{8}$$

Reasoning and Problem-Solving Questions:

4.

When the denominators are the same, the larger the numerator, the smaller the fraction.

Is Jack correct?
Prove it.

5.

Shade the **blank** diagrams so the fractions are ordered correctly:

Fractions in ascending order

Fractions in descending order