Comparing Fractions

Mild

$\dfrac{6}{8}$ ☐ $\dfrac{7}{9}$ $\dfrac{12}{17}$ ☐ $\dfrac{3}{5}$ $\dfrac{4}{6}$ ☐ $\dfrac{3}{5}$ $\dfrac{1}{7}$ ☐ $\dfrac{2}{9}$

Spicy

1 a. $\dfrac{4}{6}$ ☐ $\dfrac{12}{12}$ 1 b. $\dfrac{6}{9}$ ☐ $\dfrac{6}{9}$ 1 c. $\dfrac{10}{10}$ ☐ $\dfrac{6}{6}$

2 a. $\dfrac{12}{12}$ ☐ $\dfrac{10}{11}$ 2 b. $\dfrac{7}{7}$ ☐ $\dfrac{8}{8}$ 2 c. $\dfrac{7}{11}$ ☐ $\dfrac{9}{11}$

3 a. $\dfrac{11}{12}$ ☐ $\dfrac{10}{12}$ 3 b. $\dfrac{3}{3}$ ☐ $\dfrac{3}{6}$ 3 c. $\dfrac{5}{6}$ ☐ $\dfrac{8}{8}$

4 a. $\dfrac{1}{11}$ ☐ $\dfrac{1}{6}$ 4 b. $\dfrac{1}{11}$ ☐ $\dfrac{6}{11}$ 4 c. $\dfrac{1}{2}$ ☐ $\dfrac{8}{11}$

Hot

4a. Luna is comparing the fractions $\dfrac{2}{9}$ and $\dfrac{2}{3}$.

> I know that $\dfrac{2}{9}$ is larger than $\dfrac{2}{3}$ because a ninth is three times bigger than a third.

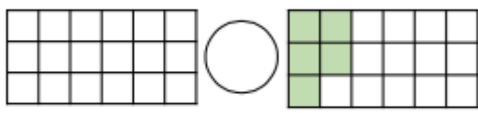Is she correct? Show how she could use a diagram to check her answer.

8a. Circle the largest fraction. Use the models to help you.

$\dfrac{2}{3}$ $\dfrac{7}{12}$ $\dfrac{5}{6}$

5a. Finish the model to show $\dfrac{2}{6}$ and $\dfrac{5}{18}$.

Compare using <, > or =.

5b. Finish the model to show $\dfrac{8}{15}$ and $\dfrac{3}{5}$.

Compare using <, > or =.

6a. Match the fraction to the correct model and then put them in ascending order.

1. $\dfrac{2}{3}$ A.
2. $\dfrac{5}{6}$ B.
3. $\dfrac{5}{12}$ C.

6b. Match the fraction to the correct model and then put them in descending order.

1. $\dfrac{8}{10}$ A.
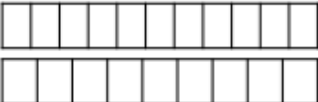2. $\dfrac{1}{2}$ B.
3. $\dfrac{11}{20}$ C.

7a. True or false?

$\dfrac{4}{5} < \dfrac{4}{9}$

7b. True or false?

$\dfrac{6}{11} < \dfrac{6}{9}$