

Ms. Davis is making a fruit salad with $\frac{3}{4}$ pound of cherries and $\frac{3}{8}$ pound of strawberries. Which weighs less, the cherries or the strawberries?



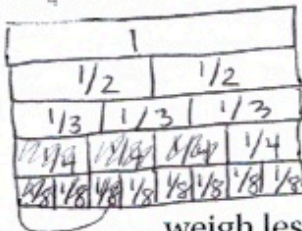
Compare $\frac{3}{4}$ and $\frac{3}{8}$.

Same Numerator Strategy

- When the numerators are the same, look at the denominators to compare the size of the pieces.

Think: $\frac{1}{8}$ is smaller than $\frac{1}{4}$ because there are more pieces.

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



$\frac{3}{4}$

So, the strawberries weigh less.

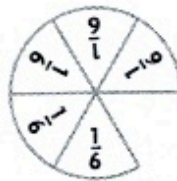
which one weighs less?

Share and Show



1. Compare $\frac{7}{8}$ and $\frac{5}{6}$.

Think: What is missing from each whole?



Write $<$, $>$, or $=$. $\frac{7}{8} \bigcirc \frac{5}{6}$

Compare. Write $<$, $>$, or $=$. Write the strategy you used.

2. $\frac{1}{2} \bigcirc \frac{2}{3}$

3. $\frac{3}{4} \bigcirc \frac{2}{4}$

Draw or use tile strip page to help you!

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

5. $\frac{3}{4} \bigcirc \frac{7}{8}$

Math Talk

Math Processes and Practices 1

Make Sense of Problems
How do the missing pieces in Exercise 1 help you compare $\frac{7}{8}$ and $\frac{5}{6}$?

Name _____

On Your Own

Compare. Write $<$, $>$, or $=$. Write the strategy you used.

6. $\frac{1}{2} \bigcirc \frac{2}{2}$

7. $\frac{1}{3} \bigcirc \frac{1}{4}$

8. $\frac{2}{3} \bigcirc \frac{5}{6}$

9. $\frac{4}{6} \bigcirc \frac{4}{2}$

Name a fraction that is less than or greater than the given fraction. Draw to justify your answer.

10. less than $\frac{5}{6}$ _____

11. greater than $\frac{3}{8}$ _____

12. **GO DEEPER** Luke, Seth, and Anja have empty glasses. Mr. Gabel pours $\frac{3}{6}$ cup of orange juice in Seth's glass. Then he pours $\frac{1}{6}$ cup of orange juice in Luke's glass and $\frac{2}{6}$ cup of orange juice in Anja's glass. Who gets the most orange juice?
- _____

TRY #12

13. **THINK SMARTER** What's the Error? Jack says that $\frac{5}{8}$ is greater than $\frac{5}{6}$ because the denominator 8 is greater than the denominator 6. Describe Jack's error. Draw a picture to explain your answer.
- _____
- _____
- _____
- _____

