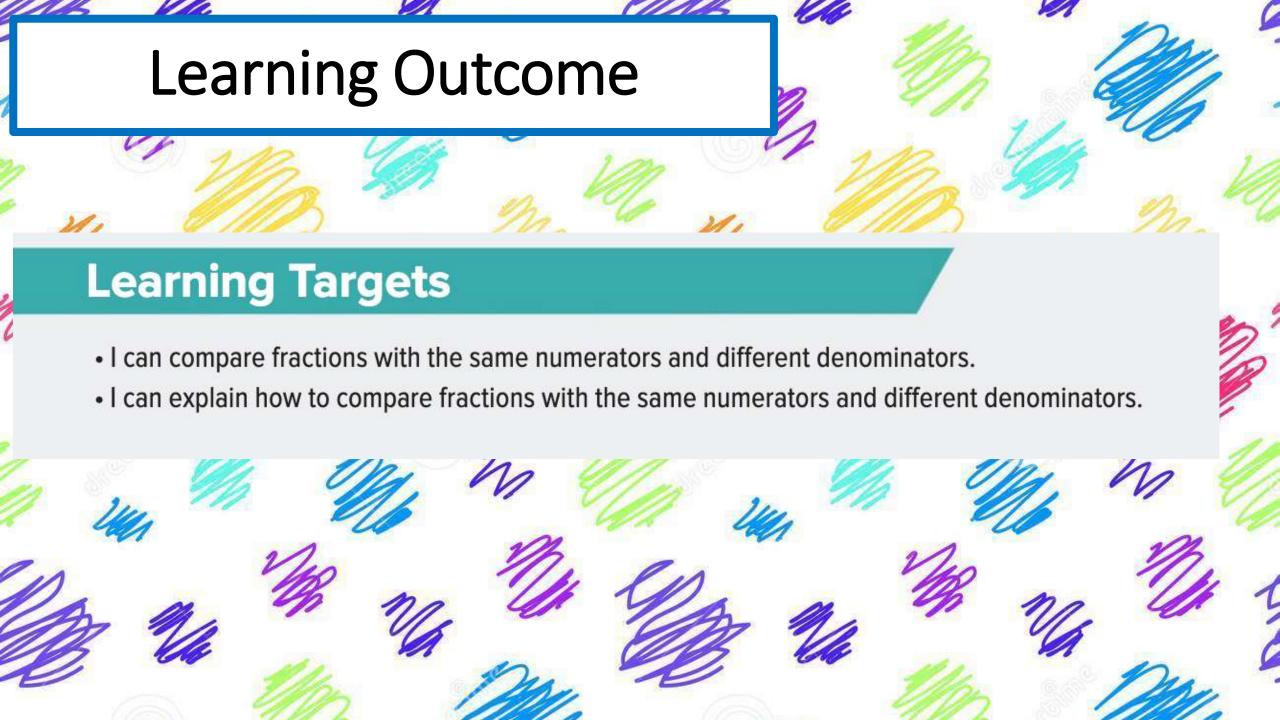
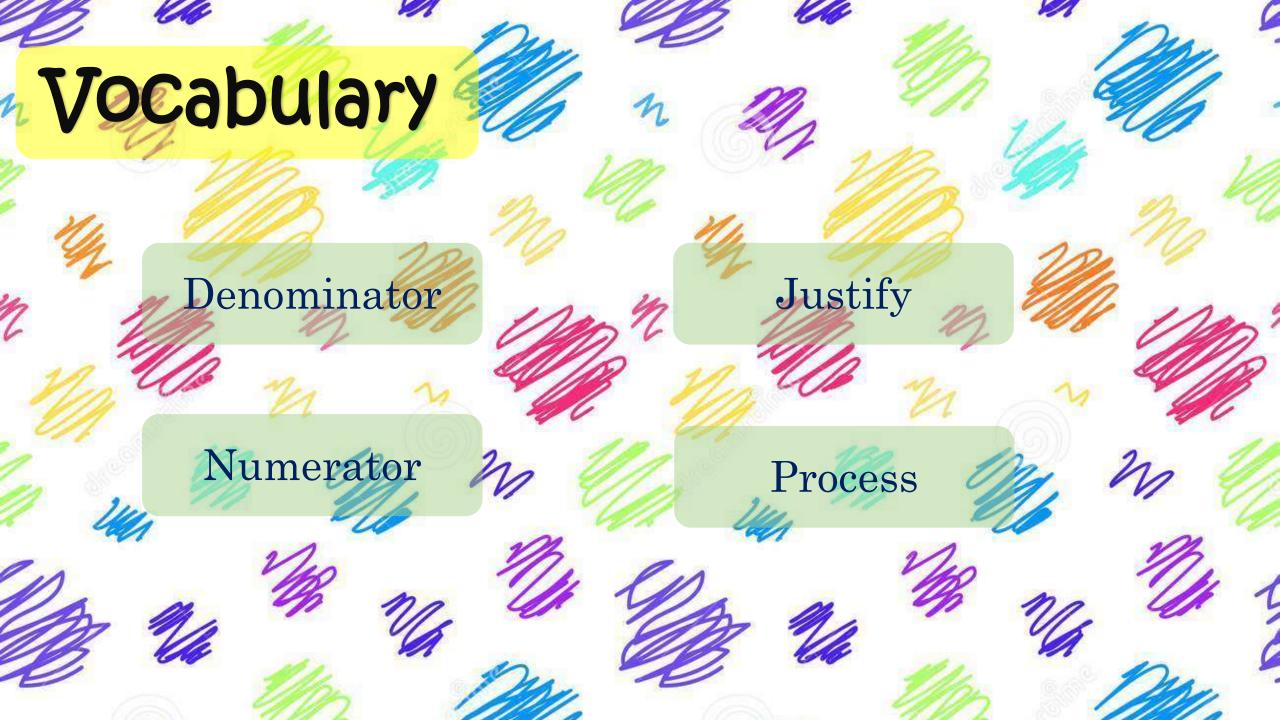
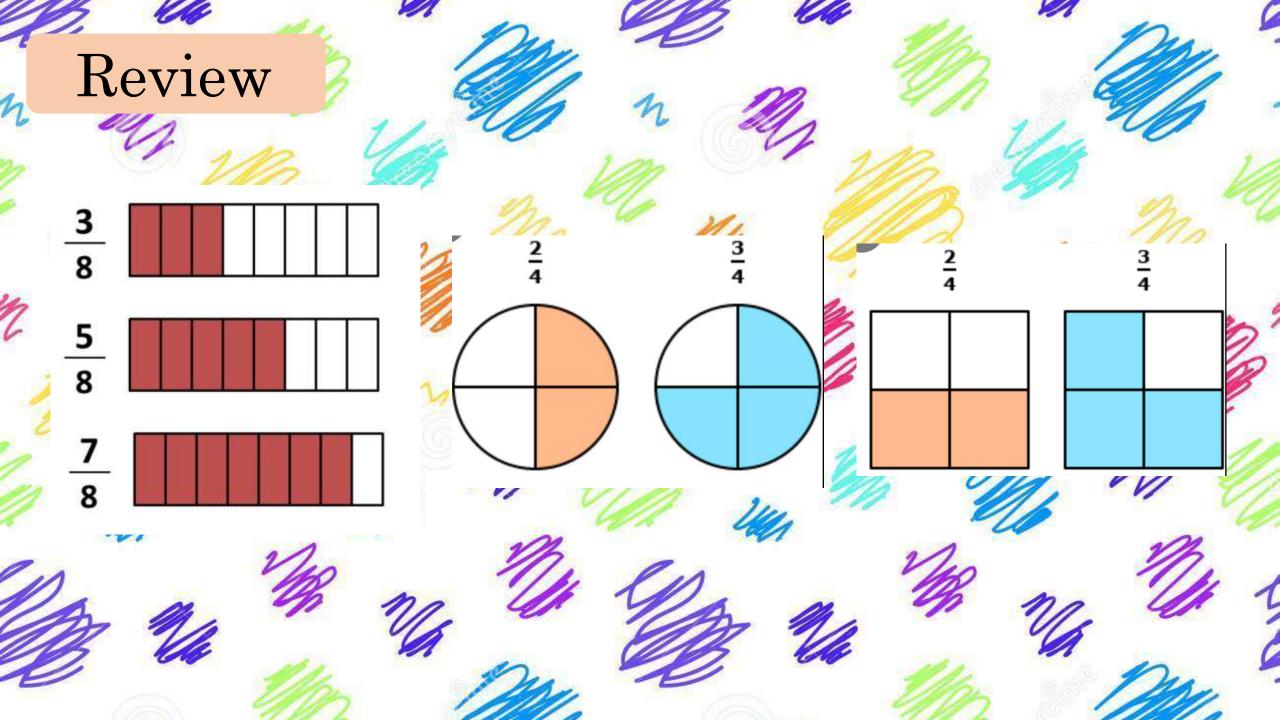


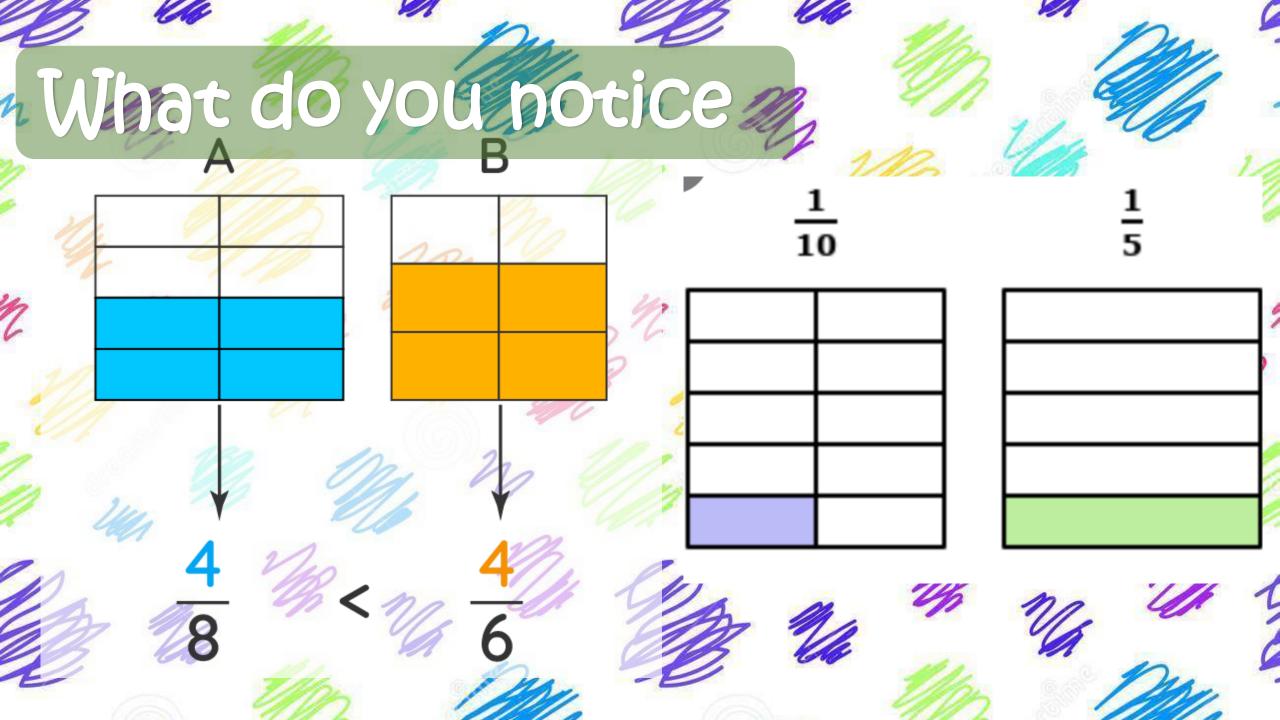
Page 57 - 60

Unit 8 Lesson 6







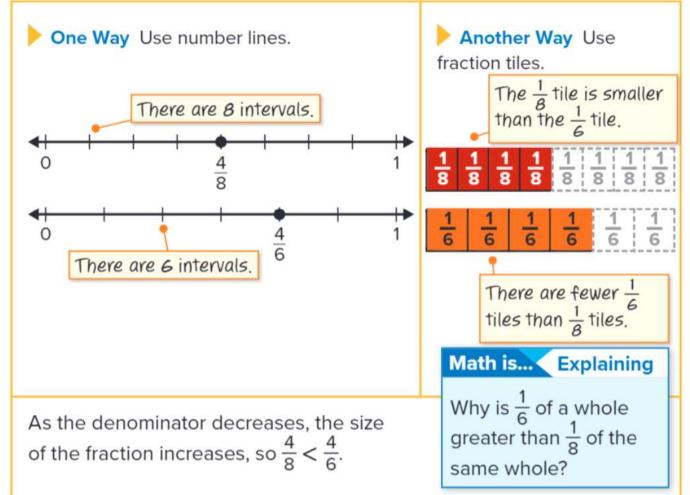




### Learn

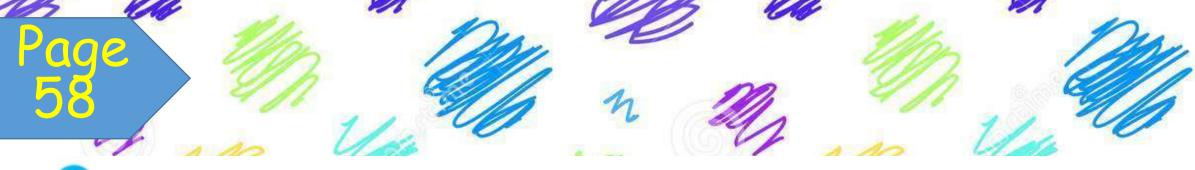
Jesse draws a circle with 8 equal parts. Jenna draws a circle the same size with 6 equal parts. They each shade 4 parts of their circle.

#### Whose circle has a greater amount shaded?



When comparing fractions with the same numerators, the fraction with the lesser denominator is greater.





### **Work Together**

How can you use >, <, or = to compare  $\frac{5}{3}$  and  $\frac{5}{4}$ ? Use the number lines to justify your answer.



$$\frac{5}{3} > \frac{5}{4}$$
 or  $\frac{5}{4} < \frac{5}{3}$ 

58 Lesson 6 - Compare Fractions with the Same Numerator

## Page 59

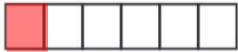
## On My Own



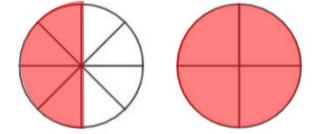
How can you write > or < to make the comparison true? Shade the representation to justify your reasoning.

1.  $\frac{2}{3} > \frac{2}{6}$ 

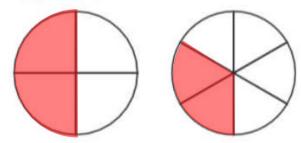




2.  $\frac{4}{8} < \frac{4}{4}$ 



3.  $\frac{2}{4} > \frac{2}{6}$ 



4.  $\frac{1}{4} > \frac{1}{6}$ 







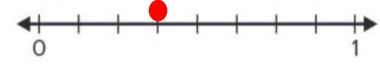
How can you write > or < to make each comparison true?

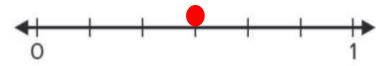
Draw a point on each number line to justify your reasoning.

5. 
$$\frac{2}{3} > \frac{2}{8}$$

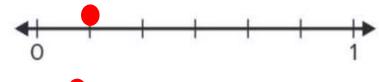


6. 
$$\frac{3}{8} < \frac{3}{6}$$

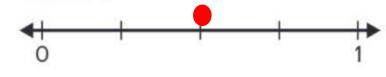


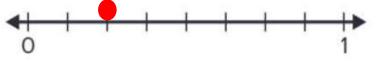


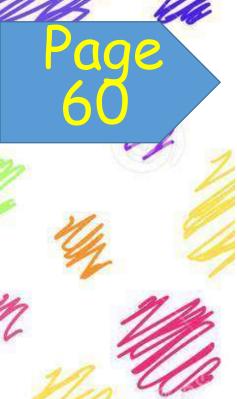
7. 
$$\frac{1}{6} > \frac{1}{8}$$



8. 
$$\frac{2}{4} > \frac{2}{8}$$







9. Circle the comparisons that are true. Explain your reasoning.

$$\frac{4}{6} < \frac{4}{8}$$
  $\left(\frac{3}{2} > \frac{3}{3}\right)$   $\frac{2}{3} < \frac{2}{6}$   $\left(\frac{1}{4} > \frac{1}{8}\right)$ 

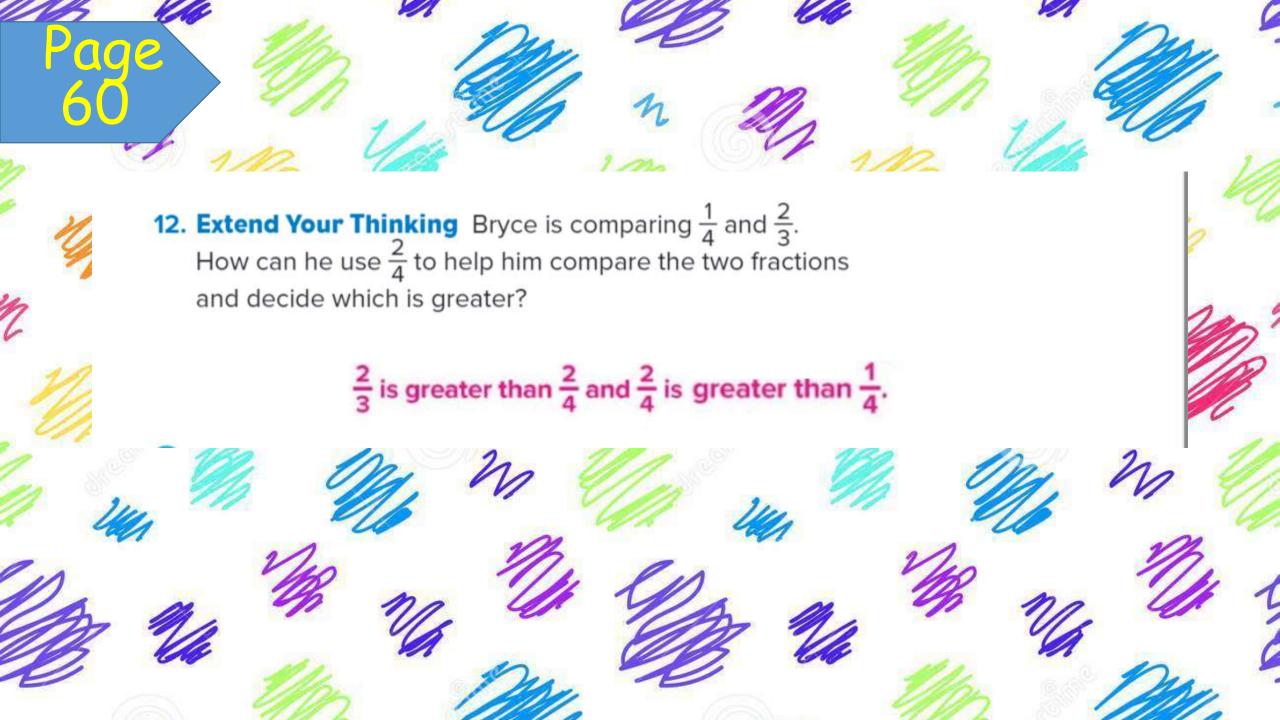
Because the fractions have the same numerator, the one's with the greater denominator are greater.

10. Circle the fractions that are greater than  $\frac{2}{6}$ . Explain how you know.

Any fraction with a denominator less than 6 is greater

11. STEM Connection Owen searches  $\frac{3}{4}$  of Field A for insects. He searches  $\frac{3}{8}$  of Field B. Both fields are the same size. Does he search more of Field A or B? Explain how you know.

Field A, the numerators are the same so the fraction with the lesser donminator is greater



# Does this make sense?





