Using Models to Compare Fractions: Same Denominator

10-1

You can use fraction strips to compare fractions with the same denominator.

Compare $\frac{2}{4}$ and $\frac{3}{4}$.

	_	1	
1/4	<u>1</u> 4		
<u>1</u>	<u>1</u> 4	<u>1</u> 4	

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

When fractions have the same denominator, the fraction with the *greater* numerator is greater.

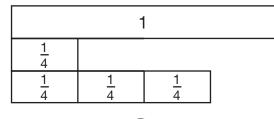
Compare. Write >, <, or =.

1.

				1	
<u>1</u> 8	<u>1</u> 8	<u>1</u> 8	<u>1</u> 8		
<u>1</u> 8	<u>1</u> 8	<u>1</u> 8	<u>1</u> 8	<u>1</u> 8	
$\frac{5}{8} \left(\begin{array}{c} \frac{4}{8} \end{array} \right)$					

3. $\frac{5}{3}$

2.



- $\frac{1}{4}$ $\frac{3}{4}$
- **4.** $\frac{2}{3}$ $\frac{1}{3}$
- **5.** If two fractions have the same denominator but different numerators, which fraction is greater? Give an example.