# ½ Compare Like Fractions with Tape Diagrams

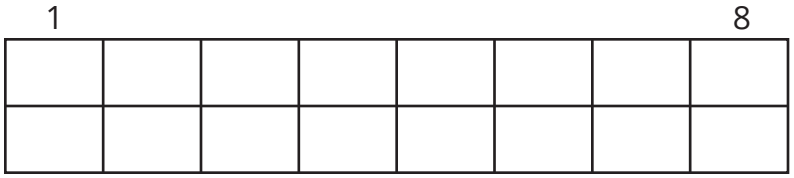
Name:_____ Date:_____

When comparing fractions with the same denominator, how can you tell which one is greater? Are they equal? How do you know?

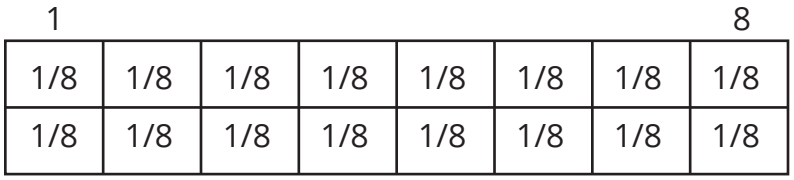
Using tape diagrams, we can take a look!

Consider the fractions, 3/8 and 5/8

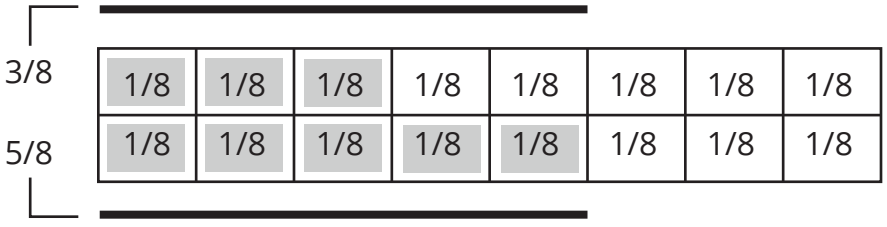
**Step 1)** Draw two tape diagrams partitioned from 1 to the denominator (which tells how many pieces in all). In this case the endpiece would be 8, observe:




**Step 2)** Label each section in eighths, (the denominator tells how many pieces in all).




**Step 3)** Assign each tape diagram a fraction, shade them in by the numerator amount (how many out of the total pieces), and the comparison will be easy to see!




Looking at the two fractions in these tape models you can see that ⅝ is greater than ⅜, so: ⅝ > ⅜

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# Compare Like Fractions with Tape Diagrams

Name:_____ Date:_____

Compare the following fractions ( >, < or = ) with tape diagrams using the three step process explained above.

1. Compare 6/8 and 4/8

2. Compare 9/11 and 7/11

3. Compare 3/3 and 1/3

4. Compare 8/12 and 12/12

5. Compare 3/7 and 3/7

Think About It:
Is it best to estimate or use precise measurement when comparing like fractions? Explain