Name _____ Date _____

Comparing Fractions: Same Numerator or Same Denominator

Directions: The two fractions in a question come from wholes of the same size unless the question says they do not. Think about how many parts there are and how big each part is.

1. Mateo's pizza has 8 equal slices. Compare 3 of the slices with 5 of the slices. Choose the sign that makes the comparison true.

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3/8 _____ 5/8

2. Two pies are the same size. The apple pie has 4 equal pieces, and the cherry pie has 6 equal pieces. Which pie has bigger pieces?

A. the cherry pie

B. The pieces are the same size.

C. the apple pie

3. Both fractions have a 1 on top. Pick the sign that belongs between them.

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1/3 _____ 1/8

4. Which sentence correctly compares 2/6 and 2/3 of the same whole?

A. 2/6 is greater, because it has more parts.

B. 2/6 is less, because sixths are smaller than thirds.

C. 2/6 is greater, because 6 is greater than 3.

D. They are equal, because both have a 2 on top.

5. Ana eats 1/2 of a small pizza. Ben eats 1/2 of a large pizza. Did they eat the same amount of pizza?

A. No. Ben ate more, because half of a large pizza is more than half of a small one.

B. No. Ana ate more, because her pizza is small.

C. Yes. One half is always equal to one half.

D. There is no way to tell who ate more.

6. A fraction has 4 as its bottom number. It is greater than 2/4 and less than 4/4. What is its top number?

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7. Which fraction of the same whole is greater: 3/4 or 3/8?

A. 3/4 B. 3/8 C. They are equal

8. Lena and Sam have granola bars of the same size. Each bar has 8 equal pieces. Lena eats 2 pieces and then 3 more. Sam eats 4 pieces. Who eats more?

A. Sam, because $4/8 > 2/8$

B. They eat the same amount.

C. Lena, because $5/8 > 4/8$

D. Sam, because $4/8 > 3/8$