

SAME-SIZE CHOCOLATE BARS

- 1 Both bars are cut into 5 equal pieces so the bottom number is the same.
- 2 One bar shows 2 pieces shaded and the other shows 3 pieces shaded.
- 3 Three equal pieces is more than two equal pieces.
- 4 So $\frac{3}{5}$ is bigger than $\frac{2}{5}$.

WARM-UP

Shade the matching pairs of fraction strips to compare each pair.

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1. Shade $\frac{1}{8}$ on one strip and $\frac{5}{8}$ on its partner strip
2. Shade $\frac{1}{4}$ on one strip and $\frac{3}{4}$ on its partner strip
3. Shade $\frac{2}{3}$ on one strip and $\frac{1}{3}$ on its partner strip

PRACTICE

- 1 In the bakery two identical tarts are cut into sixths. One has $\frac{1}{6}$ left and the other has $\frac{5}{6}$ left. Which tart has more left?
- 2 Sam buys two same-size chocolate bars each broken into fifths. He eats $\frac{2}{5}$ of one and $\frac{4}{5}$ of the other. Which amount is bigger?
- 3 At the market two equal pizzas are cut into ninths. One slice tray holds $\frac{1}{9}$ and the other holds $\frac{2}{9}$. Which holds more pizza?
- 4 Two identical loaves in the shop are sliced into eighths. One loaf has $\frac{3}{8}$ remaining and the other has $\frac{7}{8}$ remaining. Which loaf has more left?
- 5 Mia compares two same-size cake bars each cut into fifths at the food stall. One shows $\frac{4}{5}$ iced and the other shows $\frac{1}{5}$ iced. Which iced part is bigger?
- 6 Two matching sandwich rolls are each cut into tenths in the deli. One has $\frac{2}{10}$ filled and the other has $\frac{3}{10}$ filled. Which filled amount is bigger?

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

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| <p>a. When two fractions have the same bottom number the one with the bigger top number is larger. <input type="text"/></p> <p>b. $\frac{2}{5}$ is bigger than $\frac{3}{5}$. <input type="text"/></p> | <p>c. Fractions with the same bottom number can be compared just by looking at the top numbers. <input type="text"/></p> <p>d. $\frac{1}{4}$ is bigger than $\frac{3}{4}$. <input type="text"/></p> |
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REFLECT

When fractions share the same bottom number, how do you tell which is bigger?