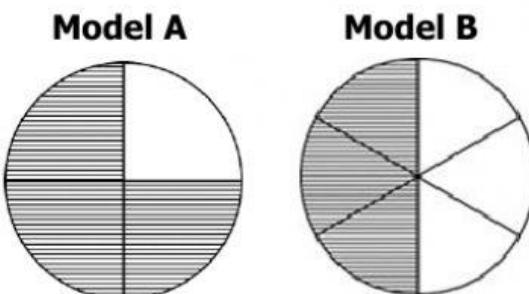


Name: \_\_\_\_\_

Date: \_\_\_\_\_

### 3.3H Comparing Fractions Practice #1

1 The models below are congruent. Each model is shaded to represent a fraction.

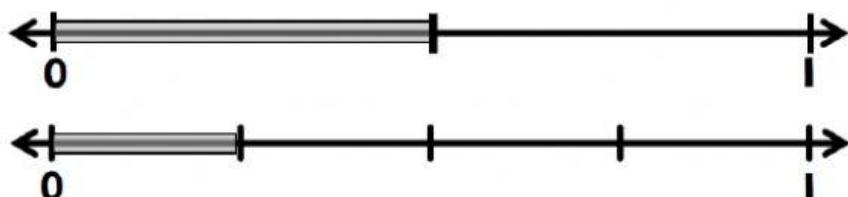


Which shows a correct comparison of the models?

- A Model A = Model B
- B Model A < Model B
- C Model B < Model A
- D Model B > Model A

---

2 Miguel shaded the parts of two number lines.



Based on the models, which comparison is TRUE?

- A  $\frac{1}{2} < \frac{1}{4}$
- B  $\frac{1}{2} > \frac{1}{3}$
- C  $\frac{1}{4} = \frac{1}{2}$
- D  $\frac{1}{4} < \frac{1}{2}$

3 Eden and Izzy each had pizzas that were the same size. Eden ate  $\frac{1}{6}$  of her pizza. Izzy ate  $\frac{1}{3}$  of her pizza. Which statement is TRUE?

A Eden and Izzy ate the same amount of pizza, because both fractions have a numerator of 1.

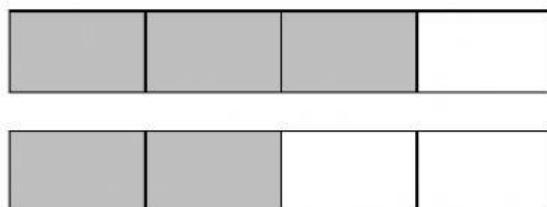
B Eden ate more pizza, because the denominator 6 is larger than the denominator 3.

C Izzy ate more pizza, because each slice of pizza cut into 3 equal parts is larger than each slice cut into 6 equal parts.

D There is not enough information to determine who ate more pie.

---

4 The shaded portion of the models represent fractions.



Which shows a correct comparison of the fractions shown on the models?

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

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

B  $\frac{1}{4} < \frac{2}{4}$

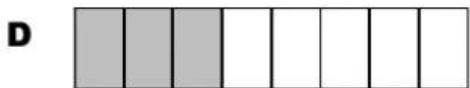
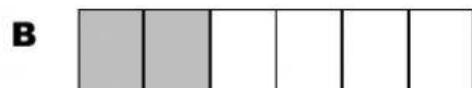
D  $\frac{3}{4} > \frac{2}{4}$

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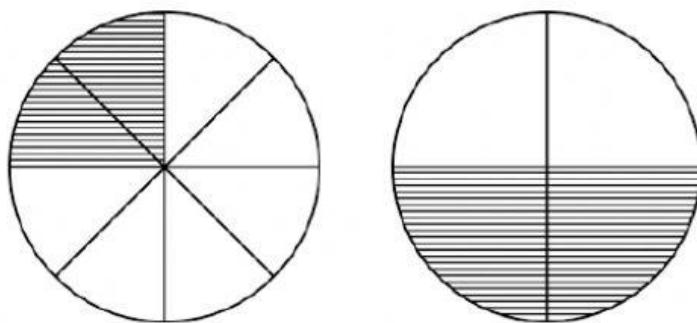
5 The model is shaded to represent the fraction  $\frac{3}{6}$ .



Which shows a fraction that is greater than  $\frac{3}{6}$ ?



**6** The models are the same size and are each divided into equal parts. The models are shaded to show two fractions.

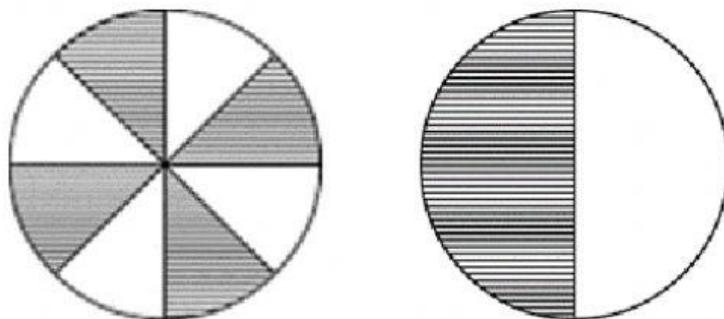


Based on the models, which statement is true?

- A**  $\frac{6}{8}$  is greater than  $\frac{2}{4}$  because the numerator 6 is larger than the numerator 2.
- B**  $\frac{2}{4}$  is less than  $\frac{2}{8}$  because eights are larger than fourths.
- C**  $\frac{2}{4}$  and  $\frac{2}{8}$  are equivalent because both fractions have the same numerator.
- D**  $\frac{2}{4}$  is greater than  $\frac{2}{8}$  because 2 parts shaded out 4 equal parts is larger than 2 parts shaded out of 8 equal parts.

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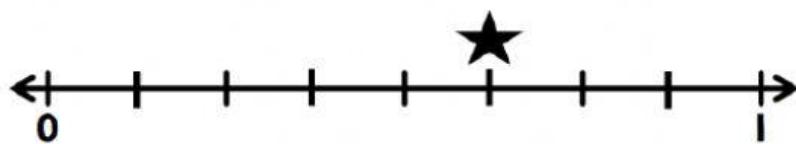
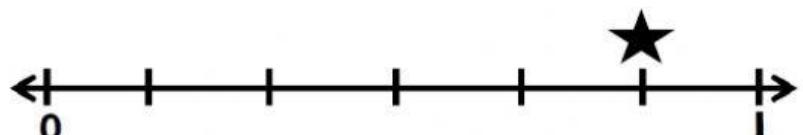
**7** The shaded portion of the models represent two fractions.



Which shows a correct comparison of the fractions shown on the models?

- A**  $\frac{4}{8} > \frac{1}{2}$
- C**  $\frac{1}{2} < \frac{4}{8}$
- B**  $\frac{4}{8} = \frac{1}{2}$
- D**  $\frac{5}{8} > \frac{1}{2}$

8 The stars on the number lines each represent a fraction.

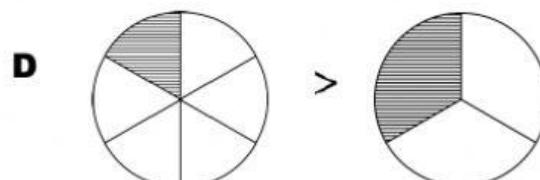
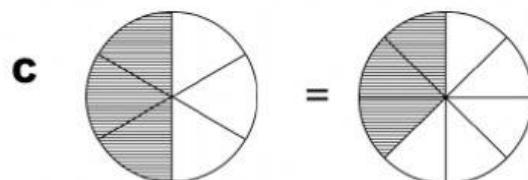
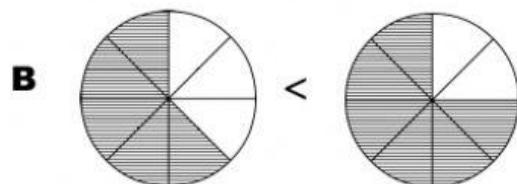
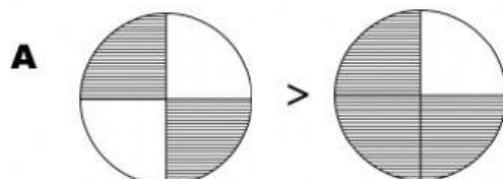


Which shows a correct comparison of the two fractions represented on the number lines?

A  $\frac{5}{8} < \frac{5}{6}$       B  $\frac{5}{6} < \frac{5}{8}$       C  $\frac{5}{6} = \frac{5}{8}$       D  $\frac{5}{8} > \frac{5}{6}$

---

9 The models are shaded to represent fractions. Which shows correct comparison of two fractions?



10 The model is shaded to represent the fraction  $\frac{1}{6}$ .



Which of these shows a fraction that is less than  $\frac{1}{6}$ ?

