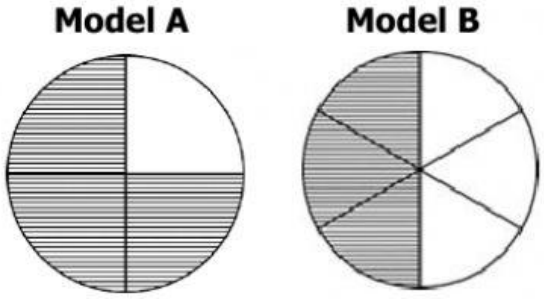
Name: _____ Date: _____

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

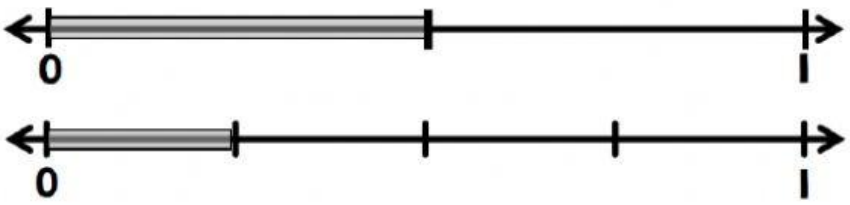
B Model A < Model B

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

LIVEWORKSHEETS

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

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

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

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

---

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



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

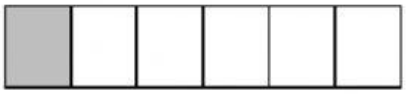
A



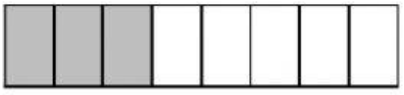
B



C

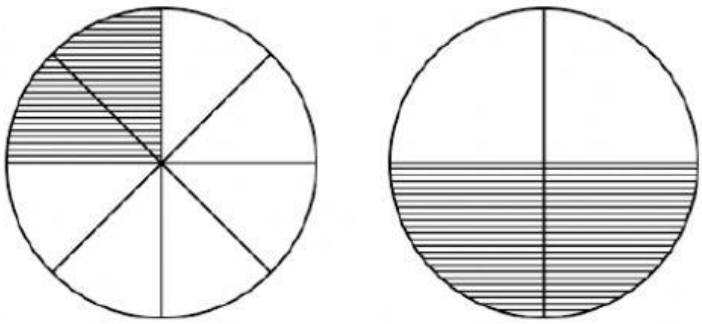


D



LIVEWORKSHEETS

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.

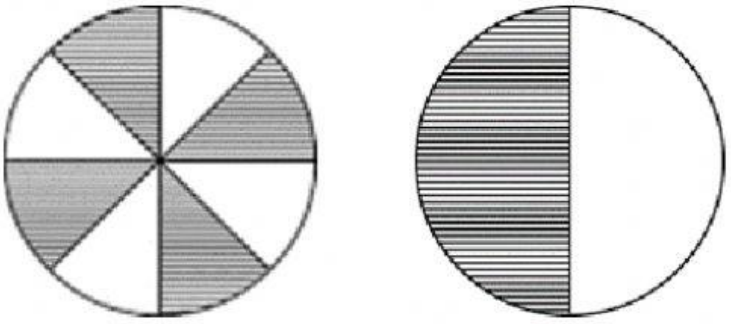
B $\frac{2}{4}$ is less than $\frac{2}{8}$ because eights are larger than fourths.

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.

---

7 The shaded portion of the models represent two fractions.



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

A $\frac{4}{8} > \frac{1}{2}$

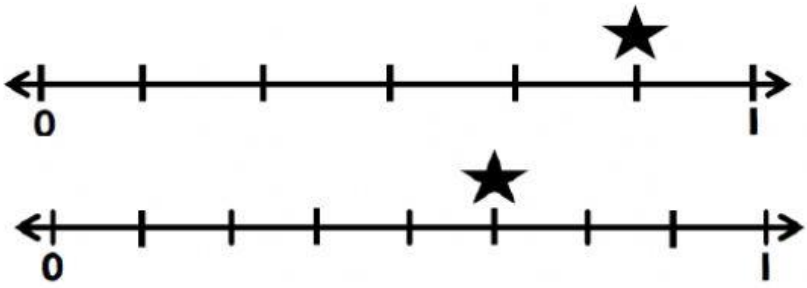
C $\frac{1}{2} < \frac{4}{8}$

B $\frac{4}{8} = \frac{1}{2}$

D $\frac{5}{8} > \frac{1}{2}$

LIVEWORKSHEETS

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



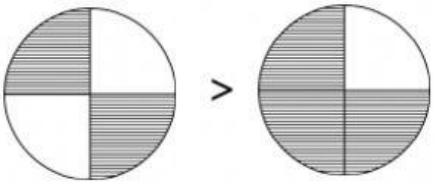
Which shows a correct comparison of the two fractions represented on the number lines?

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

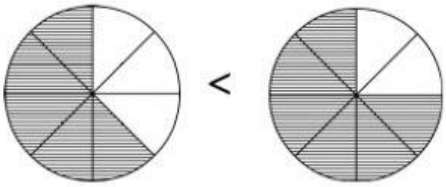
---

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

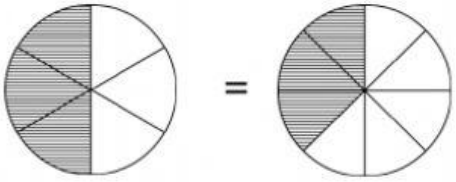
A



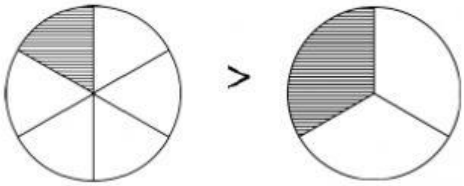
B



C



D



---

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

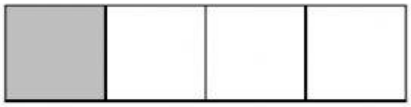


Which of these shows a fraction that is less than $\frac{1}{6}$?

A



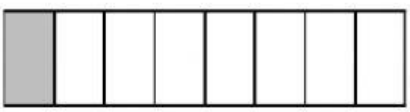
C



B



D



LIVEWORKSHEETS