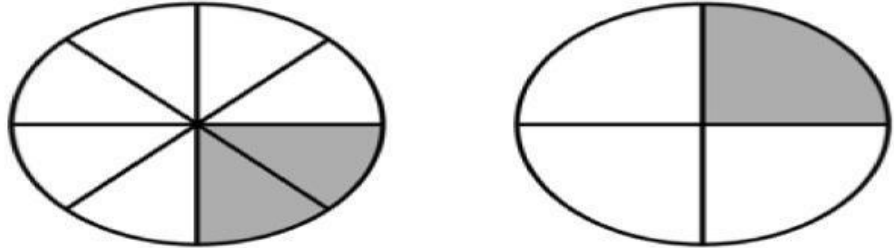


Review #1 For Fractions

Use your strategies Sheets.

The models below each represent a fraction.

1

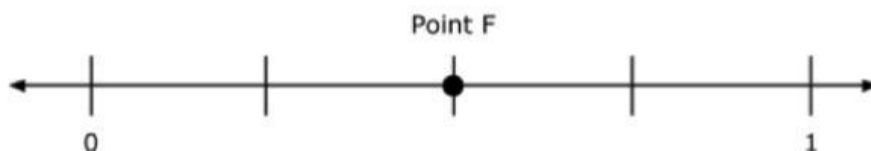


Which statement is true, based on the models?

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

2

Point F is labeled on the number line.



Using the number line, which statement is true?

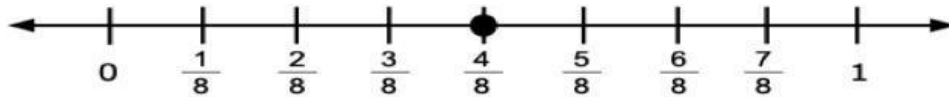
- F** Point F represents $\frac{2}{4}$ and $\frac{1}{2}$, because they are both halfway on the number line.
- G** Point F represents $\frac{2}{4}$ and $\frac{1}{8}$, because both fractions are equivalent.
- H** Point F represents $\frac{3}{4}$ and $\frac{2}{4}$, because both fractions represent four equal parts of a whole.
- J** None of the above

- 3 Alejandro marked the number line at $\frac{2}{3}$.

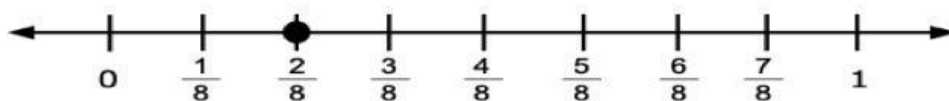


Which number line shows a fraction that is equivalent to the fraction on the number line Alejandro marked?

A



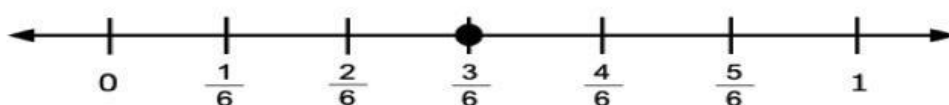
B



C



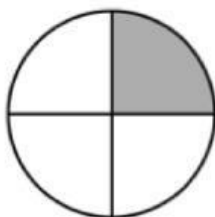
D



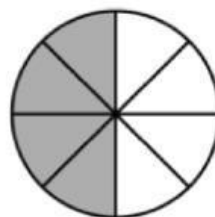
4

Ayah drew a model that is equivalent to the fraction $\frac{3}{4}$. Which of the models could be the model that Ayah drew to represent a fraction that is equivalent to $\frac{3}{4}$?

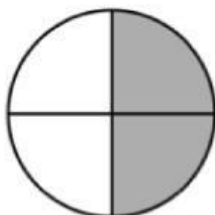
F



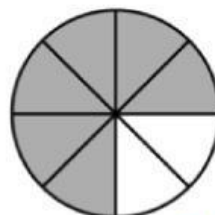
H



G



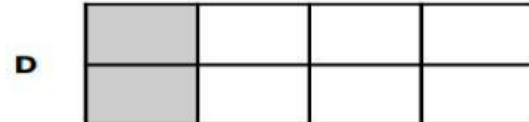
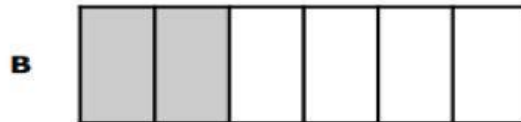
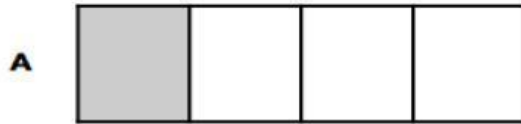
J



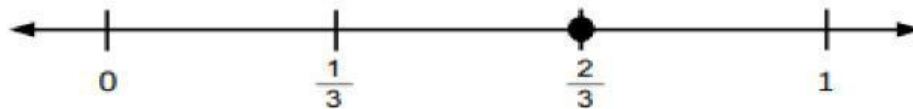
- 5 The model below represents a fraction.



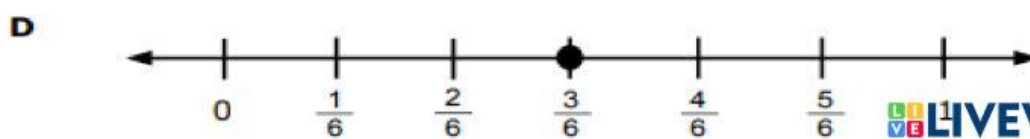
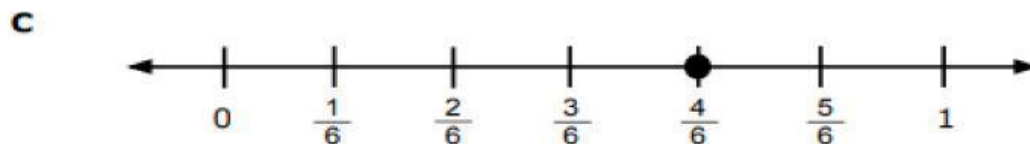
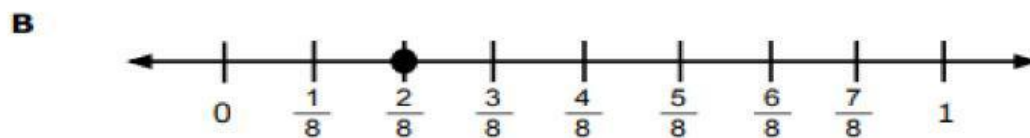
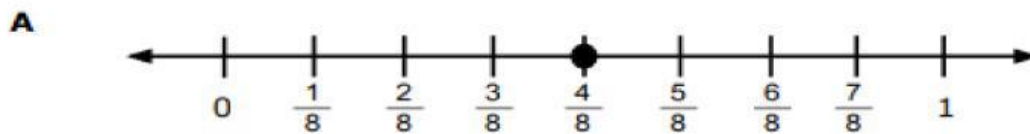
Which of the models below shows a fraction that is equivalent to the model above?



- 6 Alejandro marked the number line at $\frac{2}{3}$.



Which number line shows a fraction that is equivalent to the fraction on the number line Alejandro marked?



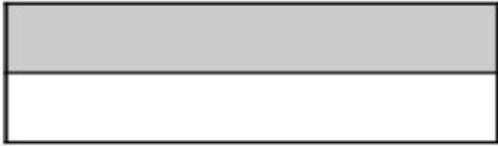
7

Niko drew the rectangle below to represent a fraction.



Which of the rectangles does not have that same fraction shaded?

A



C



B



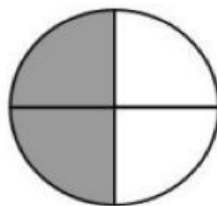
D



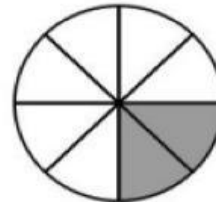
8

John ordered two pizzas. They are the same size, and each is divided into equal pieces. The models are shaded to show how much pizza John ate.

Model:



Model:



Which statement correctly describes both models?

- A The fraction $\frac{2}{4}$ is less than $\frac{2}{8}$, because fourths are smaller than eighths.
- B The fraction $\frac{2}{4}$ is greater than $\frac{2}{8}$, because fourths are larger than eighths.
- C The fraction $\frac{2}{4}$ is greater than $\frac{2}{8}$, because fourths are smaller than eighths.
- D The fraction $\frac{2}{4}$ is less than $\frac{2}{8}$, because fourths are larger than eighths.

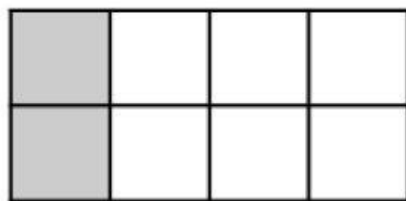
- 9 A teacher shaded 2 number lines as shown below.



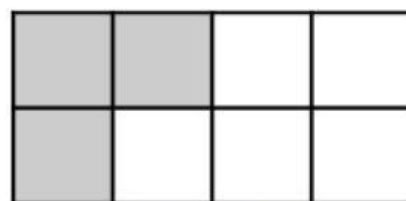
Based on the number lines, which comparison is true?

- F** $\frac{2}{3} > \frac{2}{4}$
G $\frac{2}{3} < \frac{2}{4}$
H $\frac{2}{3} = \frac{2}{4}$
J $\frac{2}{3} < \frac{1}{4}$

- 10 A carpenter is placing tile in a new house. The models below are shaded to represent the two rooms that he has started tiling.



Room A

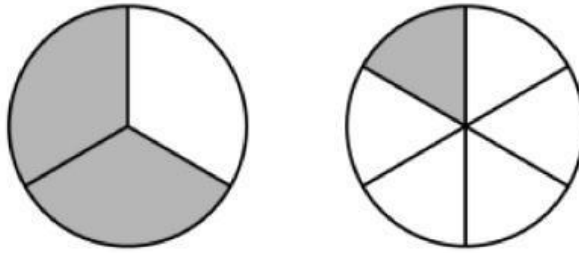


Room B

Which statement describes the models?

- A** $\frac{2}{8} < \frac{3}{8}$
B $\frac{2}{8} > \frac{3}{8}$
C $\frac{3}{8} < \frac{2}{8}$
D $\frac{2}{8} = \frac{3}{8}$

Niyah baked 2 pies as shown by the models below. The pies are shaded to represent 2 different fractions.



Which comparison of these fractions is true?

- F** $\frac{2}{3} = \frac{1}{6}$, because thirds and sixths are equal
- G** $\frac{2}{3} < \frac{1}{6}$, because 3 is less than 6
- H** $\frac{2}{3} < \frac{1}{6}$, because sixths are larger than thirds
- J** $\frac{2}{3} > \frac{1}{6}$, because thirds are larger than sixths