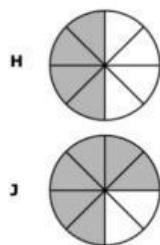
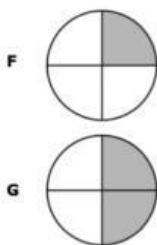
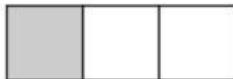


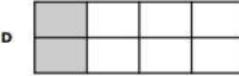
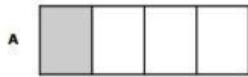
1. Which shaded model is equivalent to $\frac{3}{4}$?



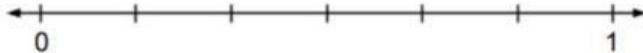
2. The model below represents $\frac{1}{3}$ shaded.



Which shaded model show a fraction equal to $\frac{1}{3}$?



3. At what distance will $\frac{2}{6}$ be from 0 on the number line? (Select A Point)



4. A restaurant made a pan of lasagna for 2 people. The shaded model represent what George ate and what Zach ate.



Which comparison is correct?

A $\frac{1}{3} > \frac{1}{5}$, because thirds are larger than fifths

B $\frac{1}{5} < \frac{1}{3}$, because fifths are larger than thirds

C $\frac{1}{3} = \frac{1}{5}$, because both numerators are 1

D None of these statements is true.

5. Which expression is equal to $\frac{6}{8}$?

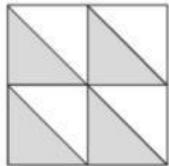
F $\frac{1}{8} + \frac{1}{8}$ 

G $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ 

H $\frac{1}{4} + \frac{1}{4}$ 

J $\frac{1}{4} + \frac{1}{2}$ 

6. James shaded part of a figure, as shown below.



What fraction of the figure is shaded?

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

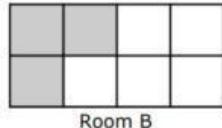
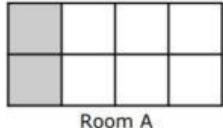
7. The number line below represents a distance of 1 foot.



On which of these number lines does point K represent $\frac{1}{4}$ of a foot?

- A
- B
- C
- D

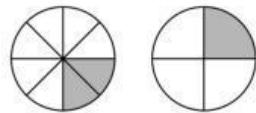
8. A carpenter is placing tile in a new house. The models below are shaded to represent the two rooms that he has started tiling.



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 $\frac{2}{8} = \frac{3}{8}$

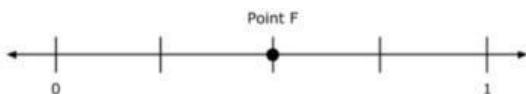
9. The models below each represent a fraction.



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

10. 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

11. John opened a jar of pickles. John and two friends equally shared the pickles in the picture.



What fraction of the pickles did each of the friends receive?

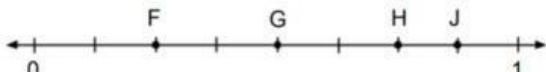
F $\frac{1}{6}$

G $\frac{2}{6}$

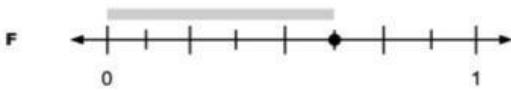
H $\frac{3}{6}$

J $\frac{6}{6}$

12. Which point best represents $\frac{7}{8}$ on the number line?



13. Which of the following number line shows $\frac{5}{8}$?



14. 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

15. Niko drew the rectangle below to represent a fraction.



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

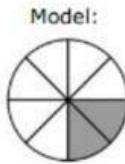
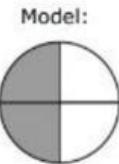
A

C

B

D

16. 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.



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.