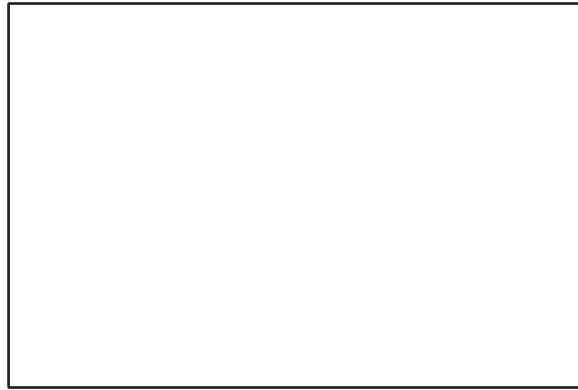# Fractions as Numbers: End-of-Unit Assessment
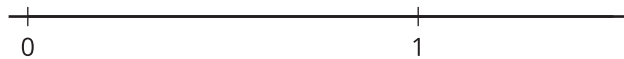
1. Shade $\frac{5}{8}$ of the rectangle.
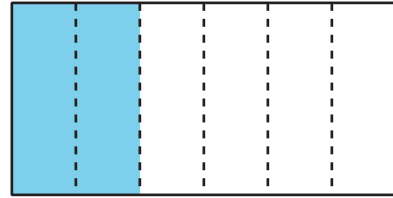
2. a. Locate and label 1 on the number line. Explain your reasoning.

    0   $\frac{1}{4}$

    _____

    _____

    b. Locate and label $\frac{5}{6}$ on the number line. Explain your reasoning.

    0   1

    _____

    _____

3. What fraction of the large rectangle is shaded? Select **all** that apply.

   A. $\frac{1}{6}$

   B. $\frac{1}{5}$

   C. $\frac{2}{6}$

   D. $\frac{1}{3}$

   E. $\frac{4}{6}$

4. Which fraction is equivalent to $\frac{9}{3}$?

   A. $\frac{1}{3}$

   B. $\frac{10}{4}$

   C. $\frac{6}{2}$

   D. $\frac{8}{2}$

5. Write two fractions that are equivalent to $\frac{1}{2}$.

6. Diego says that there are no fractions equivalent to 2 because 2 is a whole number, not a fraction. Do you agree with Diego? Explain or show your reasoning.

7. Select **all** the true statements.

    A. $\frac{1}{3} > \frac{1}{4}$

    B. $\frac{9}{4} < \frac{11}{4}$

    C. $\frac{2}{6} > \frac{2}{4}$

    D. $\frac{1}{4} < \frac{1}{5}$

    E. $\frac{3}{8} < \frac{4}{8}$

8.   a. Locate and label $\frac{1}{2}$ on the number line.

b. Noah locates and labels $\frac{1}{2}$ here and says "It's halfway between the tick marks for 0 and $\frac{1}{4}$." Explain why Noah is not correct.

_____

_____

c. What is the number Noah labeled $\frac{1}{2}$? Explain your reasoning.

_____

_____