







The following items/sets of items (all found online) are assessing standards 4.NF.A.1.

For each item/set of items provide the following:

- Label each item/set of items as formative, summative, or both.
- Which Mathematical Learning Goal does each align to?
- Which Performance Goal does each align to?
- Which level from the Evidence of Learning Statements (1-4) on the Instructional Focus Document best matches each?
- Would you modify the item(s) in any way? If so how?

1.

Equivalent Fractions					
$\frac{1}{2}$	$\frac{2}{4}$	$\frac{4}{8}$	$\frac{1}{3}$	$\frac{2}{6}$	$\frac{4}{12}$
					
$\frac{1}{2} = \frac{\square}{4}$	$\frac{1}{3} = \frac{\square}{6}$	$\frac{2}{6} = \frac{\square}{12}$			
$\frac{1}{2} = \frac{\square}{8}$	$\frac{1}{3} = \frac{\square}{12}$	$\frac{2}{6} = \frac{\square}{3}$			
$\frac{2}{4} = \frac{\square}{8}$	$\frac{4}{8} = \frac{\square}{2}$	$\frac{4}{12} = \frac{\square}{3}$			
$\frac{2}{4} = \frac{\square}{2}$	$\frac{4}{8} = \frac{\square}{4}$	$\frac{4}{12} = \frac{\square}{6}$			

2. Write a number in every box to make true equations.

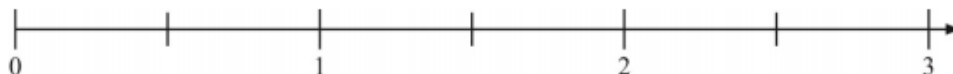
$$\frac{7}{5} = \frac{24 \times 7}{\square \times 5}$$

$$\frac{15}{10} = \frac{5 \times 3}{\square \times 2}$$

$$\frac{67}{100} = \frac{\square \times 67}{\square \times 100}$$

3.

a. Place a point at $\frac{5}{4}$ on the number line diagram below.



b. Write a fraction equivalent to $\frac{5}{4}$. Your fraction must have a denominator of 12. Use words or a diagram to show that your fraction is equivalent to $\frac{5}{4}$.

4.

Now look at the fractions below. Decide if they are equivalent.
Write **Yes** or **No** on the lines.

