

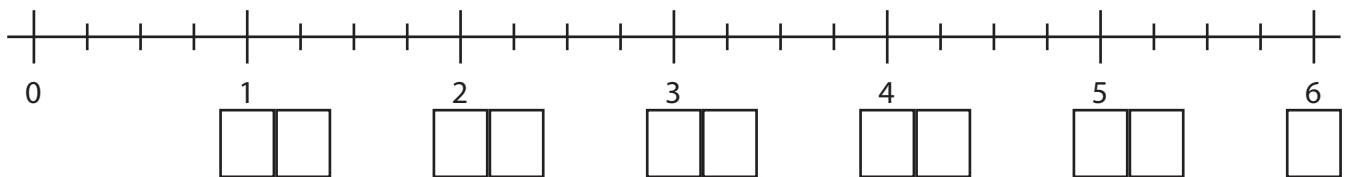
**Using number lines to help us understand  
how mixed numbers and improper fractions are related**

- A **mixed number** has a whole number part and a fraction part.  $3\frac{1}{2}$  and  $4\frac{2}{3}$  are mixed numbers.
- An **improper fraction** is a fraction for which the numerator is greater than or equal to the denominator.  $\frac{11}{3}$  and  $\frac{7}{5}$  are improper fractions.

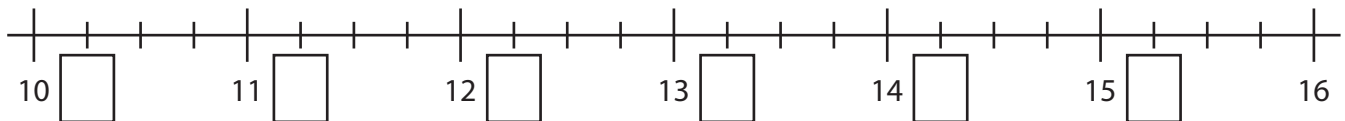
1. Fill the boxes with the correct mixed numbers.



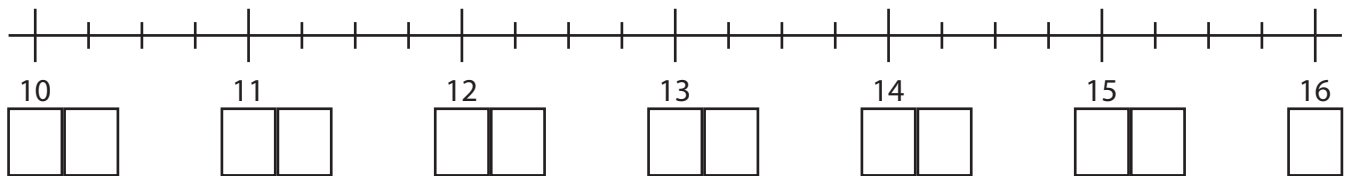
2. Fill the boxes with the correct improper fractions.



3. Fill the boxes with the correct mixed numbers.



4. Fill the boxes with the correct improper fractions.



5. Write the mixed numbers as improper fractions and write the improper fractions as mixed numbers.

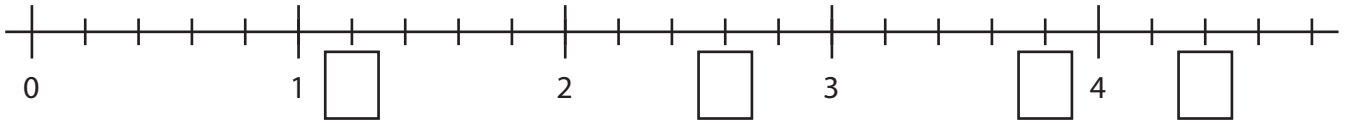
$$5\frac{1}{4} =$$

$$13\frac{1}{4} =$$

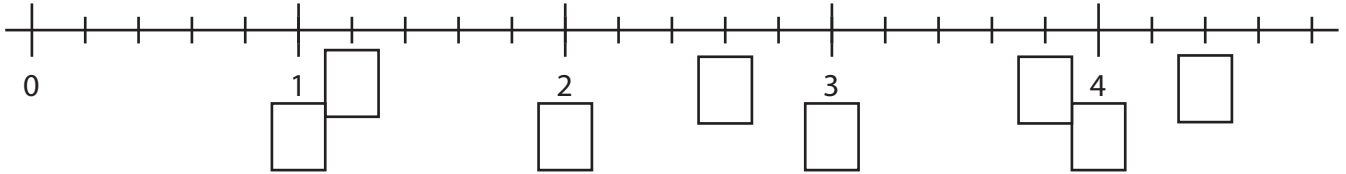
$$\frac{17}{4} =$$

$$\frac{49}{4} =$$

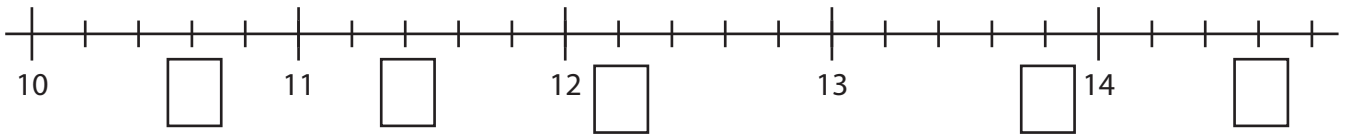
6. Fill the boxes with the correct mixed numbers.



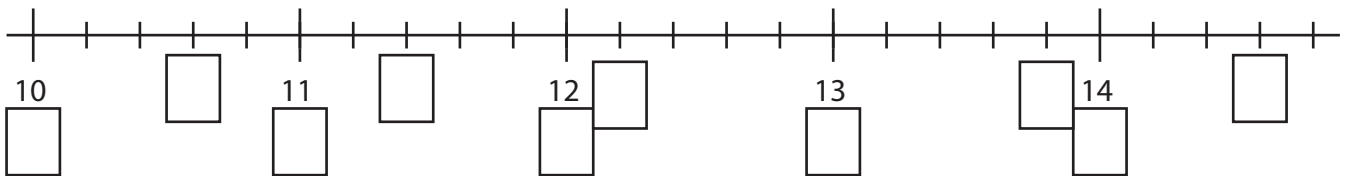
7. Fill the boxes with the correct improper fractions.



8. Fill the boxes with the correct mixed numbers.



9. Fill the boxes with the correct improper fractions.



10. Write the mixed numbers as improper fractions and write the improper fractions as mixed numbers.

$$2\frac{3}{5} =$$

$$13\frac{4}{5} =$$

$$20\frac{4}{5} =$$

$$\frac{19}{5} =$$

$$\frac{57}{5} =$$

$$\frac{73}{5} =$$