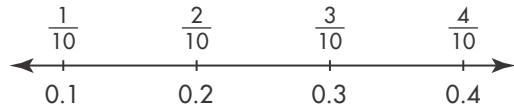
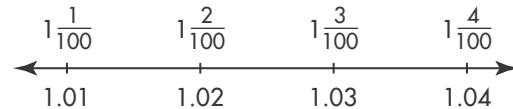


### Another Example!

Fractions and decimals can name the same points on a number line.



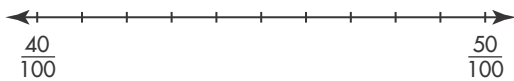
Mixed numbers and decimals can name the the same points on a number line.



### ★ Guided Practice ★

#### Do You Understand?

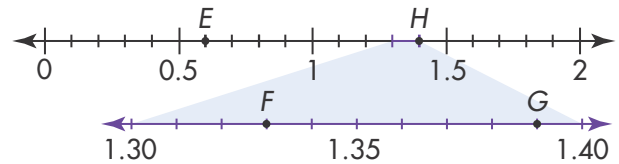
1. Locate  $\frac{45}{100}$  on the number line.



2. Draw a number line to represent both the decimal and fraction for eight tenths.

#### Do You Know How?

For 3–6, name the decimal and fraction for each point on the number line.



- |      |      |
|------|------|
| 3. E | 4. H |
| 5. F | 6. G |

### ★ Independent Practice ★

For 7–8, label the number lines with the given fractions and decimals.

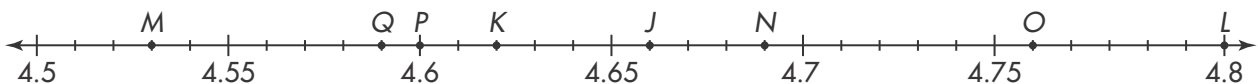
7. Represent the decimals and fractions from 3.08 to 3.13.



8. Represent the fractions and decimals from  $\frac{4}{10}$  to 1.



For 9–16, name the decimal and fraction for each point on the number line.

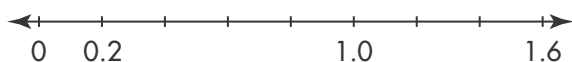


- |       |       |       |       |
|-------|-------|-------|-------|
| 9. J  | 10. K | 11. L | 12. M |
| 13. N | 14. O | 15. P | 16. Q |

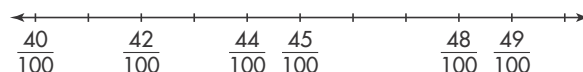
\*For another example, see Set B on page 471.

# Problem Solving

17. Write the five missing decimals on the number line.



18. Write the five missing fractions on the number line.



19. Draw a number line to show 60 cents. Use the number line to write 60 cents as a fraction and as a decimal.


20. **Make Sense and Persevere** Neil is learning about unusual units of volume. There are 2 pecks in 1 kenning. There are 2 kennings in 1 bushel. There are 8 bushels in 1 quarter. There are 5 quarters in 1 load. Write a number sentence to show how many pecks are in 1 load.

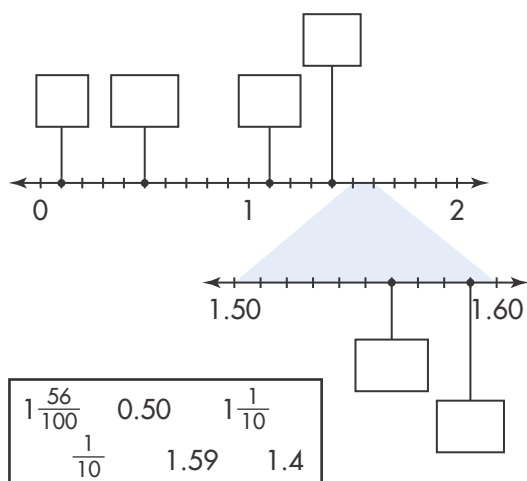
21. Draw a number line and plot a point at each number shown.


$$2\frac{71}{100} \quad 2.6 \quad 2\frac{82}{100}$$

22. **Higher Order Thinking** Use a number line to name two numbers that are the same distance apart as 3.2 and 3.8.

## Assessment Practice

23. What decimals or fractions do the points on the number lines show? Choose the decimals and fractions from the box to label the number lines.  4.NF.3.6



24. What decimals or fractions do the points on the number lines show? Choose the decimals and fractions from the box to label the number lines.  4.NF.3.6

