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A number can be located on a number line.

What number is marked \( P \) on this number line?

There are 4 equal spaces between 1 and 2 on the number line, so each tick mark stands for \( \frac{1}{4} \). Since point \( P \) is on the third tick mark after 1, \( P \) marks the number \( 1 \frac{3}{4} \).

Read each problem. Circle the letter of the best answer.

Use this number line to answer questions 1 and 2.

1 In lowest terms, what is the fraction marked \( P \) on the number line?
   - A \( \frac{1}{6} \)
   - B \( \frac{1}{4} \)
   - C \( \frac{2}{3} \)
   - D \( \frac{4}{7} \)

   There are 6 equal spaces between 0 and 1, so each tick mark stands for \( \frac{1}{6} \). Point \( P \) is on the fourth tick mark after 0, so it stands for \( \frac{4}{6} \). The fraction \( \frac{4}{6} \) reduces to \( \frac{2}{3} \). The correct answer is C.

2 What number is marked \( Q \) on the number line?
   - A \( 1 \frac{1}{6} \)
   - B \( 1 \frac{1}{6} \)
   - C \( 1 \frac{2}{3} \)
   - D \( 1 \frac{5}{6} \)

   Use the number line below to answer questions 3 and 4.

3 Which point marks 6.3 on the number line?
   - A point A
   - B point B
   - C point C
   - D point D

4 What number is marked \( X \) on the number line?
   - A 6.7
   - B 6.8
   - C 6.9
   - D 7.1
Read each problem. Write your answers.

5 Look at this number line.

A What fraction is marked $K$ on the number line? Write the fraction in lowest terms.

*Answer:*******

B Explain how you found your answer.
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___________________________________________________________________________________
___________________________________________________________________________________
___________________________________________________________________________________

6 Look at the number line below.

A On the number line above, mark the number $4\frac{3}{5}$ with a dot and label it $A$.

B On the number line above, mark the number $6.4$ with a dot and label it $B$.

C Explain how you found where to locate points $A$ and $B$ on the number line.
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