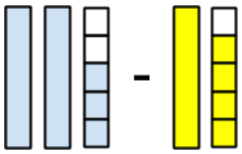
ST Math
Summer Immersion
Grade 4 | Pre-Assessment | Texas

Name: _____ Date: _____

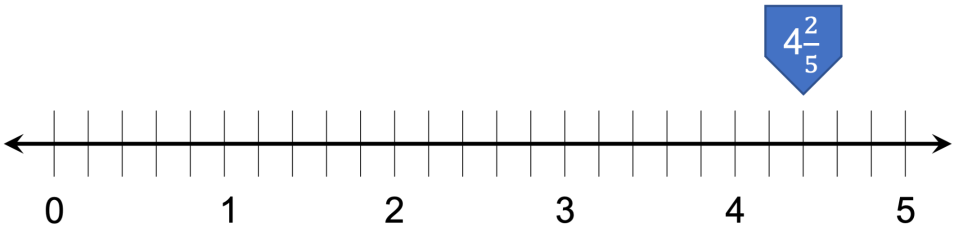
1. Select the symbol <, >, = to make each statement true: $\frac{8}{8}$ ☐ $\frac{12}{12}$

   a. <
   b. =
   c. >

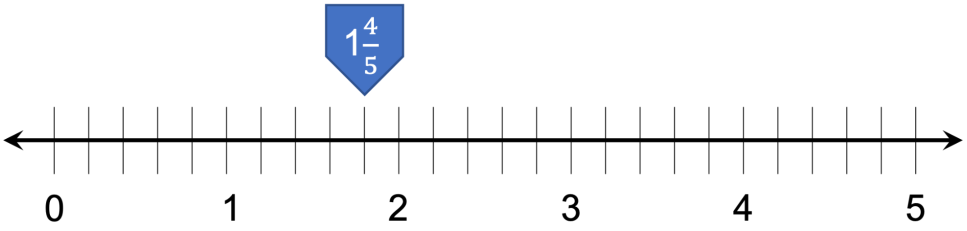
2. Which number line represents this problem?



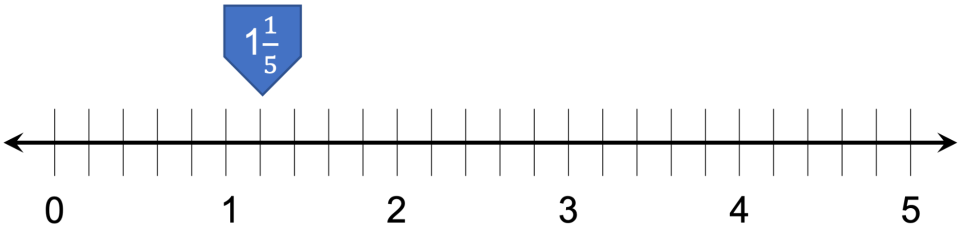
a.



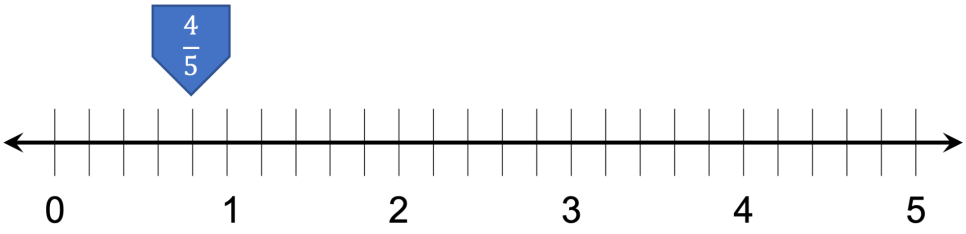
b.



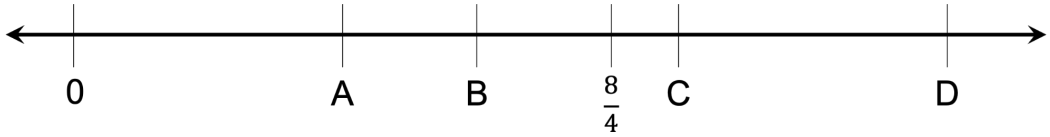
c.



d.



3. Use the plotted point to help you locate $\frac{1}{2} + 1\frac{3}{4}$. Which letter is located at the sum?



a. A
b. B
c. C
d. D

4. Solve $\frac{3}{4} + \frac{3}{6}$.

a. $1\frac{1}{2}$
b. $1\frac{1}{4}$
c. $1\frac{6}{10}$
d. $\frac{6}{10}$

5. Shawna, Ryan and Dominic ate a whole pizza. Shawna ate $\frac{1}{6}$ of the pizza, Ryan ate $\frac{1}{2}$ of the pizza and Dominic ate the rest. How much pizza did Dominic eat?

    a. $\frac{1}{2}$ of the pizza

    b. $\frac{1}{3}$ of the pizza

    c. $\frac{1}{5}$ of the pizza

    d. $\frac{3}{6}$ of the pizza

6. Which expression shows how $\frac{7}{8}$ can be decomposed?

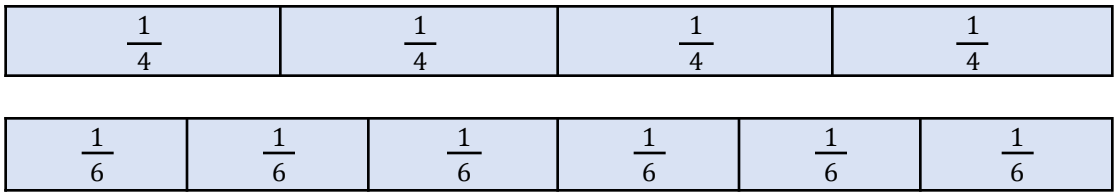
    a. $\frac{3}{4} + \frac{3}{4}$

    b. $\frac{3}{8} + \frac{4}{8}$

    c. $\frac{1}{2} + \frac{2}{8}$

    d. $\frac{6}{8} + \frac{1}{8} + \frac{1}{8}$

7. Which fraction is equivalent to both $\frac{2}{4}$ and $\frac{3}{6}$?



a. $\frac{3}{4}$

b. $\frac{6}{12}$

c. $\frac{5}{6}$

d. $\frac{3}{8}$

8. Select the symbol <, >, = to make each statement true: $\frac{62}{100}$ ☐ $\frac{7}{10}$

a. <

b. =

c. >

9. If this shape represents $\frac{2}{3}$, which of these shape is close to $1\frac{1}{3}$?

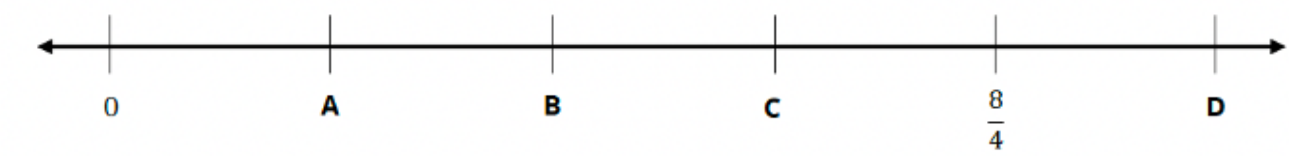
a. 

b. 

c. 

d. 

10. Use this number line to locate $\frac{20}{100} + \frac{3}{10}$. Which letter locates the sum?



a. A
b. B
c. C
d. D

11. Which statement is true?

a. $\frac{1}{4}$ is closer to $\frac{1}{2}$ than $\frac{2}{4}$

b. $\frac{1}{6}$ is closer to $\frac{1}{2}$ than $\frac{4}{6}$

c. $\frac{1}{3}$ is closer to $\frac{1}{2}$ than $\frac{1}{4}$

12. Select the symbol <, >, = to make each statement true: $\frac{8}{6}$ ☐ $\frac{9}{3}$

a. <
b. =
c. >

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ST Math
Summer Immersion
Grade 4 | Post-Assessment (TX)

Name: _____ Date: _____

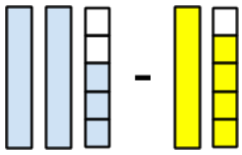
1. Select the symbol <, >, = to make each statement true: $\frac{9}{10}$ ☐ $\frac{90}{100}$

   a. <

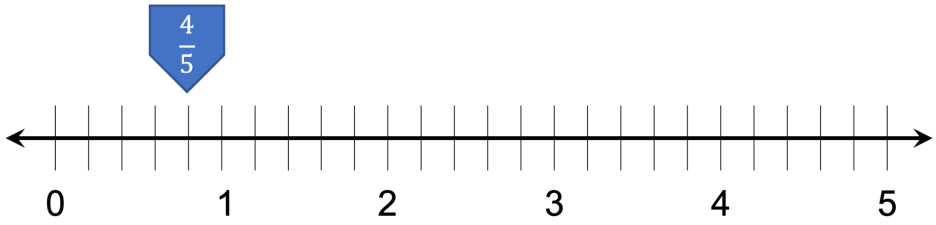
   b. =

   c. >

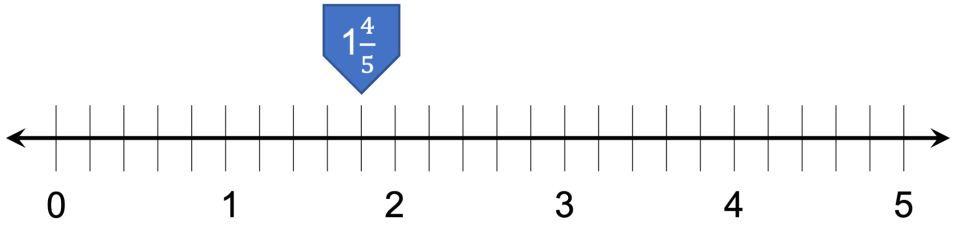
2. Which number line represents this problem?



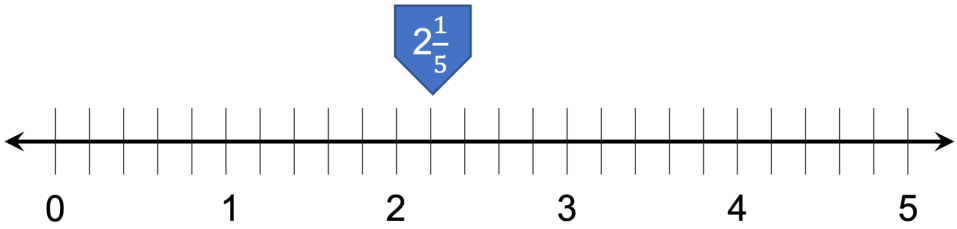
a.



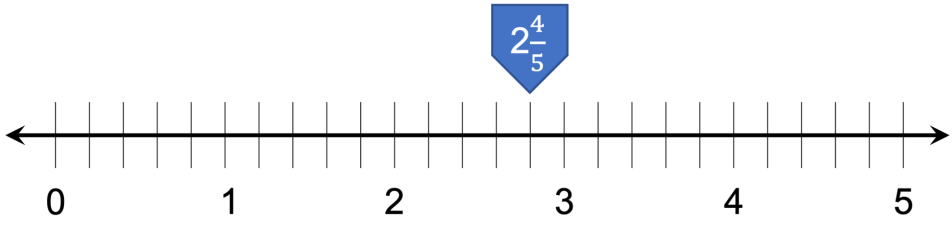
b.



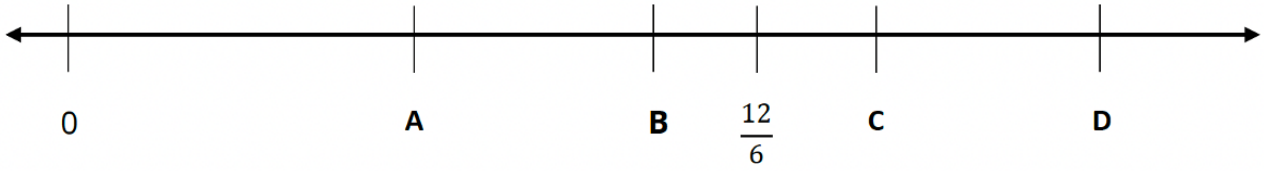
c.



d.



3. Use the plotted point to help you locate $\frac{1}{2} + 1\frac{5}{6}$. Which letter is located at the sum?



a. A
b. B
c. C
d. D

4. Solve $\frac{4}{8} + \frac{3}{4}$.

a. $1\frac{1}{2}$
b. $1\frac{1}{4}$
c. $\frac{7}{8}$
d. $\frac{7}{12}$

5. Declan, Ryan, and Dominic ate a whole pizza. Dominic ate $\frac{1}{3}$ of the pizza, Ryan ate $\frac{1}{2}$ of the pizza and Declan ate the rest. How much pizza did Declan eat?

   a. $\frac{1}{2}$ of the pizza

   b. $\frac{1}{3}$ of the pizza

   c. $\frac{1}{5}$ of the pizza

   d. $\frac{1}{6}$ of the pizza

6. Which expression shows how $\frac{8}{6}$ can be decomposed?

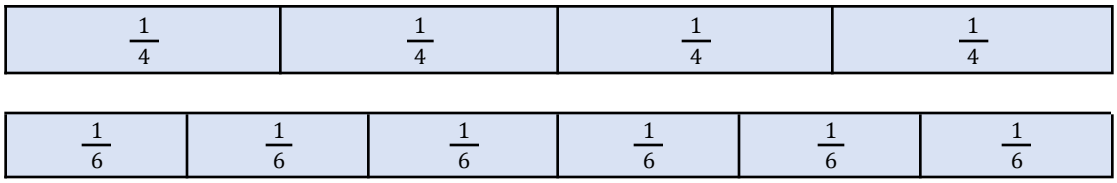
   a. $\frac{4}{3} + \frac{4}{3}$

   b. $\frac{4}{6} + \frac{4}{6}$

   c. $\frac{5}{4} + \frac{3}{2}$

   d. $\frac{4}{6} + \frac{3}{8}$

7. Which fraction is equivalent to both $\frac{2}{4}$ and $\frac{3}{6}$?



a. $\frac{3}{4}$

b. $\frac{6}{12}$

c. $\frac{5}{6}$

d. $\frac{3}{8}$

8. Select the symbol <, >, = to make each statement true: $\frac{9}{8}$ ☐ $\frac{11}{10}$

a. <
b. =
c. >

9. If this shape represents $\frac{2}{3}$, which shape would be close to $1\frac{1}{2}$?

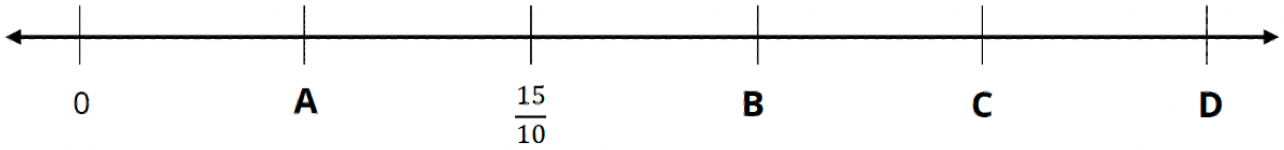
a. 

b. 

c. 

d. 

10. Use this number line to locate $\frac{50}{100} + \frac{25}{10}$. Which letter locates the sum?



a. A
b. B
c. C
d. D

11. Which statement is true?

a. $\frac{3}{8}$ is closer to $\frac{1}{2}$ than $\frac{4}{8}$

b. $\frac{1}{3}$ is closer to $\frac{1}{2}$ than $\frac{5}{6}$

c. $\frac{5}{8}$ is closer to $\frac{1}{2}$ than $\frac{6}{10}$

12. Select the symbol <, >, = to make each statement true: $\frac{43}{100}$ ☐ $\frac{5}{10}$

a. <
b. =
c. >