ST Math Summer Immersion

Grade 3 | Pre-Assessment

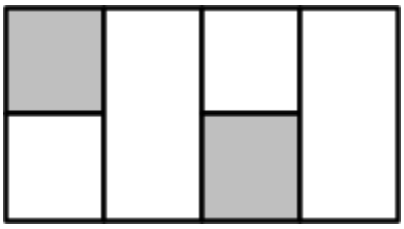
Name: _____ Date: _____

1. Select the symbol <, >, = to make each statement true: $\frac{2}{4}$ ☐ $\frac{1}{2}$

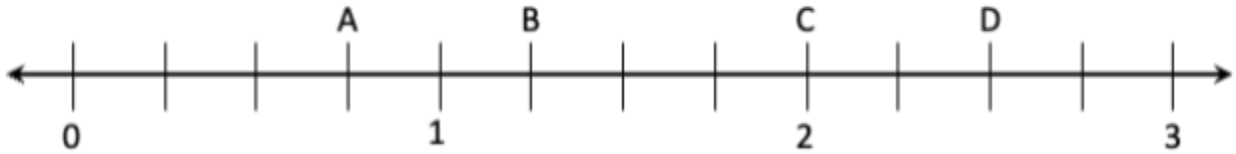
   a. <
   b. =
   c. >

2. How much of the whole area is shaded?

   a. $\frac{2}{6}$
   b. $\frac{1}{4}$
   c. $\frac{2}{4}$
   d. $\frac{1}{8}$

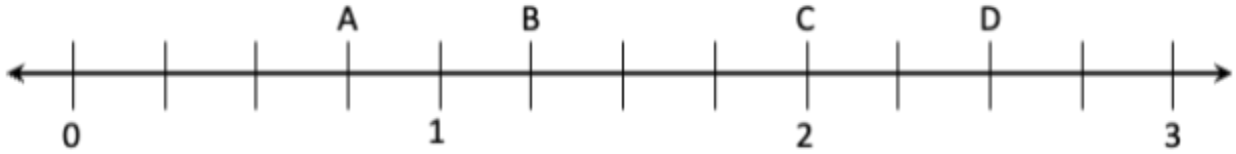


3. Which letter is located at $\frac{8}{4}$ on the number line?



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

4. Letter B is located at which number on the number line?



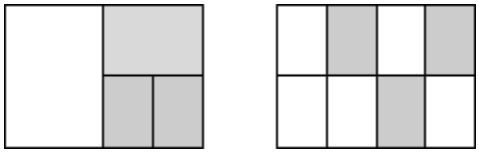
a. $\frac{3}{4}$

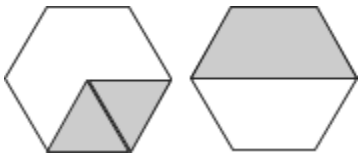
b. 5

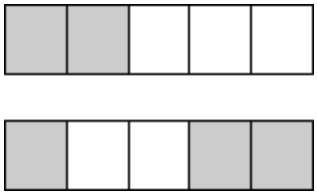
c. $\frac{4}{4}$

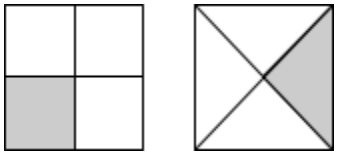
d. $\frac{5}{4}$

5. Circle the letter for the pair of shapes that has an equal area shaded.

a. 

b. 

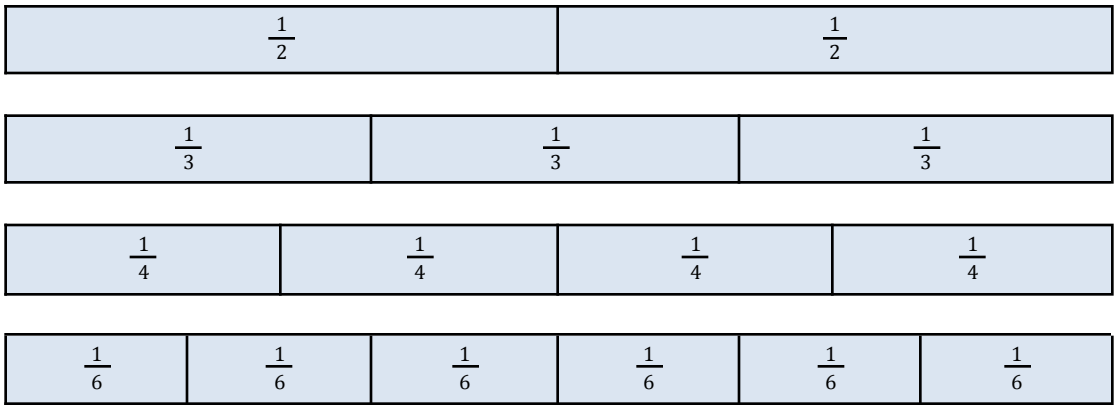
c. 

d. 

6. Select the symbol <, >, = to make each statement true: $\frac{3}{4}$ ☐ $\frac{2}{2}$

   a. <
   b. =
   c. >

7. Use this picture to determine which statement is correct.



   a. $\frac{1}{3}$ is equivalent to $\frac{1}{2}$
   b. $\frac{1}{4}$ is equivalent to $\frac{3}{6}$
   c. $\frac{1}{3}$ is equivalent to $\frac{2}{6}$
   d. $\frac{3}{4}$ is equivalent to $\frac{4}{6}$

8. Which letter is located at 1 on the number line?

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

9. Letter B is located at which number on the number line?

a. $\frac{1}{2}$

b. $\frac{1}{4}$

c. $\frac{1}{3}$

d. $\frac{4}{4}$

10. If this shape represents $\frac{2}{3}$, which shape would represent $\frac{6}{3}$?

a. 

b. 

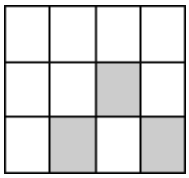
c. 

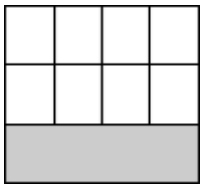
d. 

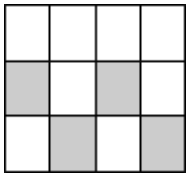
11. Select the symbol <, >, = to make each statement true: $\frac{2}{3}$ ☐ $\frac{2}{6}$

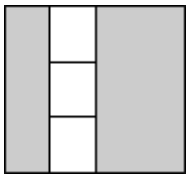
    a. <
    b. =
    c. >

12. Circle the letter beside the model that shows $\frac{1}{4}$ shaded.

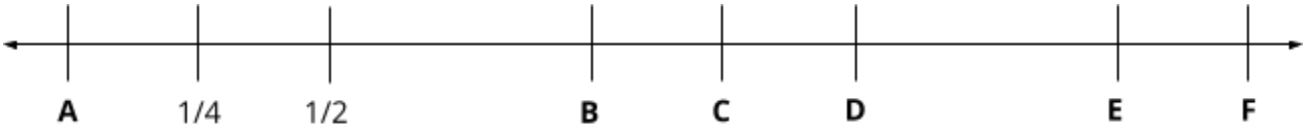
    a. 

    b. 

    c. 

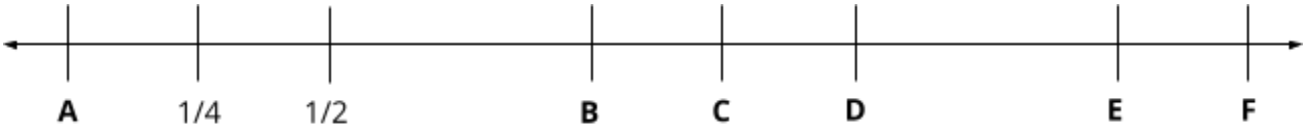
    d. 

13. Which letter is located at 1 on the number line?



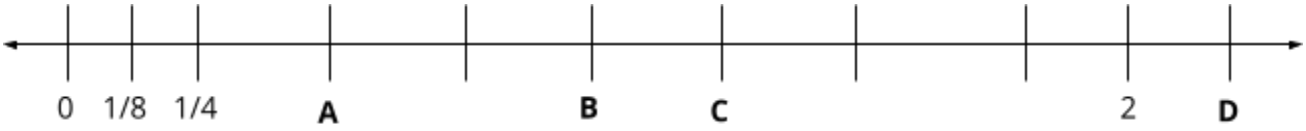
a. A
b. B
c. C
d. D

14. Which letter is located at $\frac{3}{2}$ on the number line?



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

15. Which letter is located at $\frac{10}{8}$ on the number line?



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

This page
was intentionally
left blank

ST Math

Summer Immersion

Grade 3 | Post-Assessment

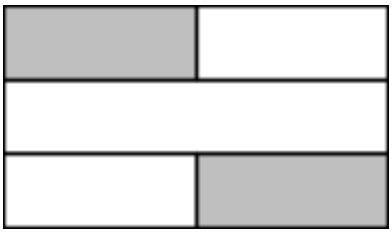
Name: _____ Date: _____

1. Select the symbol <, >, = to make each statement true: $\frac{4}{8}$ ☐ $\frac{1}{3}$

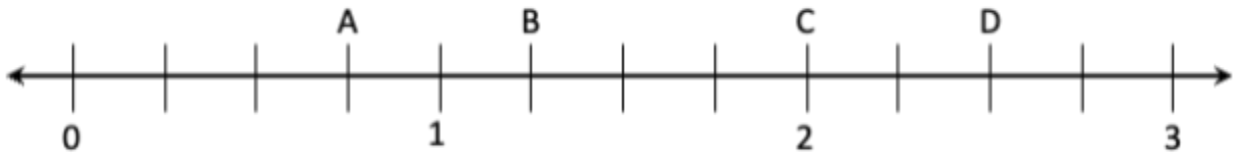
   a. <
   b. =
   c. >

2. How much of the whole area is shaded?

   a. $\frac{2}{3}$
   b. $\frac{1}{3}$
   c. $\frac{4}{6}$
   d. $\frac{1}{6}$

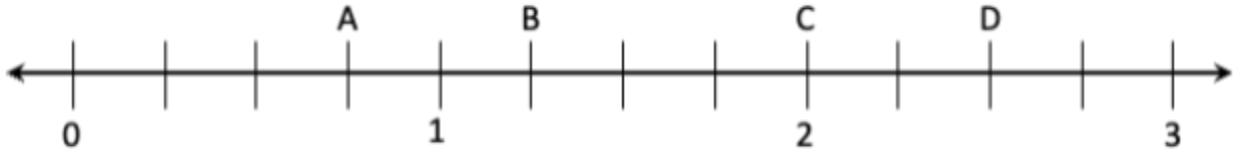


3. Which letter is located at $\frac{5}{4}$ on the number line?



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

4. Letter D is located at which number on the number line?



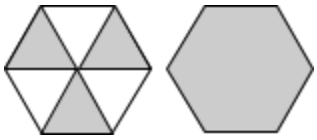
a. $\frac{1}{2}$

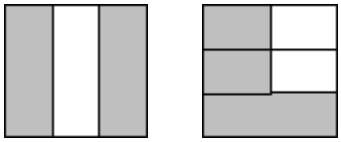
b. $\frac{12}{4}$

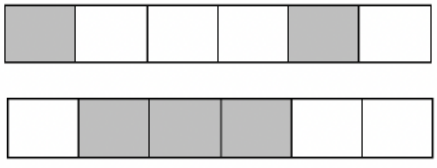
c. $\frac{10}{4}$

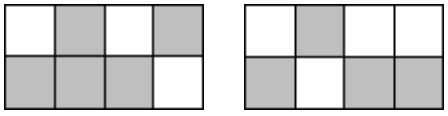
d. $\frac{2}{4}$

5. Circle the letter for the pair of shapes that has an equal area shaded.

a. 

b. 

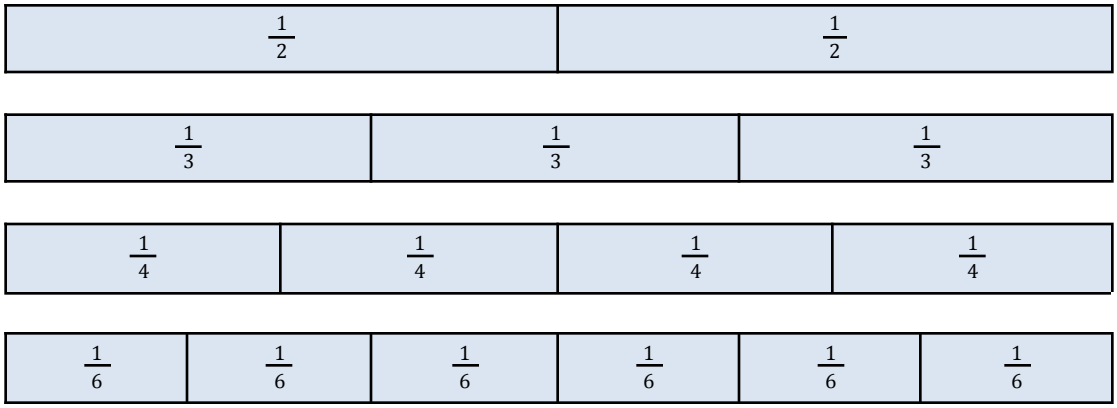
c. 

d. 

6. Select the symbol <, >, = to make each statement true: $\frac{5}{6}$ ☐ $\frac{2}{1}$

   a. <
   b. =
   c. >

7. Use this picture to determine which statement is correct.



   a. $\frac{1}{3}$ is equivalent to $\frac{2}{6}$
   b. $\frac{1}{4}$ is equivalent to $\frac{3}{6}$
   c. $\frac{1}{3}$ is equivalent to $\frac{1}{2}$
   d. $\frac{3}{4}$ is equivalent to $\frac{4}{6}$

8. Which letter is located at 1 on this number line?

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

9. Letter B is located at which number on this number line?

a. $\frac{1}{6}$

b. $\frac{1}{3}$

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

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

10. If this shape represents $\frac{3}{8}$, which shape would represent $\frac{9}{8}$?

a. 

b. 

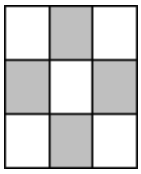
c. 

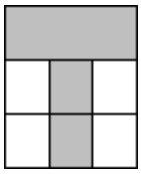
d. 

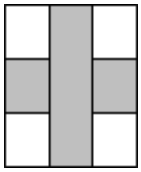
11. Select the symbol <, >, = to make each statement true: $\frac{4}{1}$ ☐ $\frac{1}{4}$

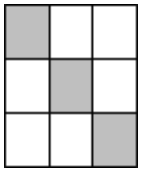
a. <
b. =
c. >

12. Circle the letter beside the model that shows $\frac{1}{3}$ shaded.

a. 

c. 

b. 

d. 

13. Which letter is located at 1 on the number line?

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

14. Which letter is located at $\frac{6}{4}$ on the number line?

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

15. Which letter is located at 2 on the number line?

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