



# ST Math. Summer Immersion

Grade 3 - Rising Grade 4 | Pre-Assessment

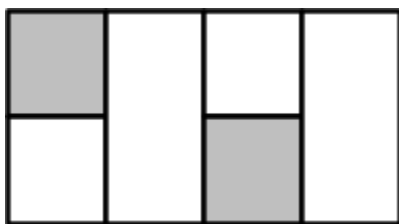
Name: \_\_\_\_\_ Date: \_\_\_\_\_

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

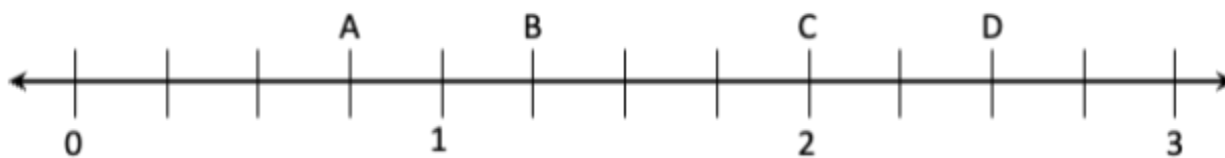
- a.  $<$
- b.  $=$
- c.  $>$

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?



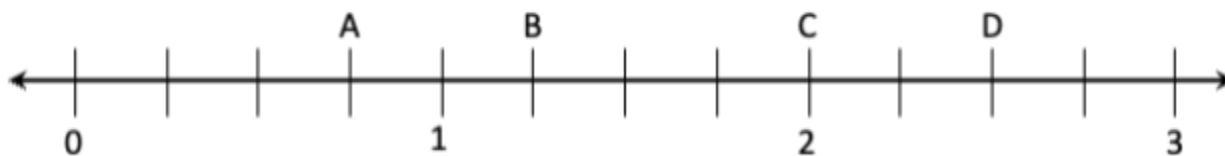
- a. A
- b. B
- c. C
- d. D



# ST Math. Summer Immersion

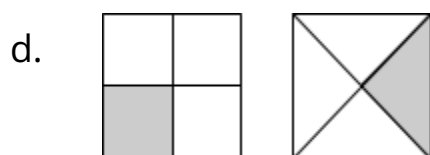
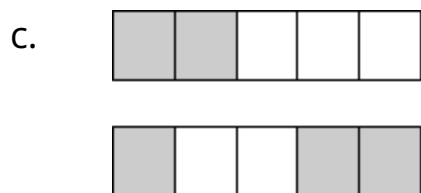
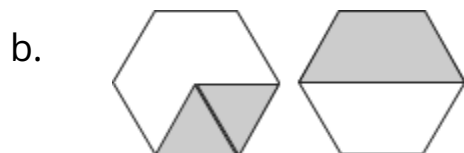
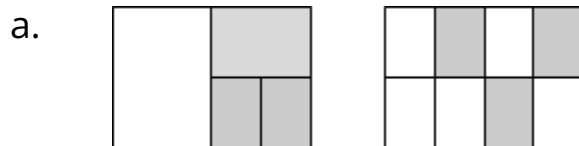
Grade 3 - Rising Grade 4 | Pre-Assessment

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.





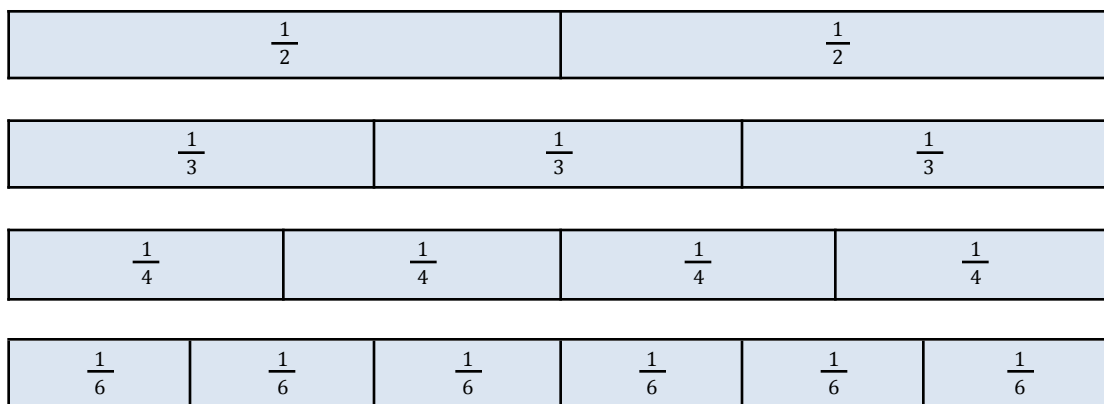
# ST Math. Summer Immersion

Grade 3 - Rising Grade 4 | Pre-Assessment

6. Select the symbol  $<$ ,  $>$ ,  $=$  to make the 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  $\frac{4}{6}$



# ST Math. Summer Immersion

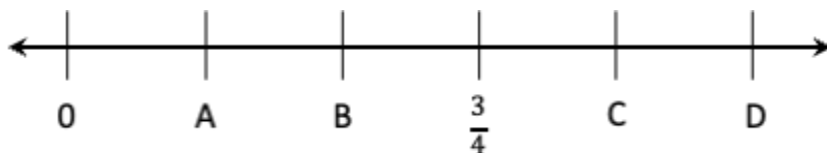
Grade 3 - Rising Grade 4 | Pre-Assessment

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.



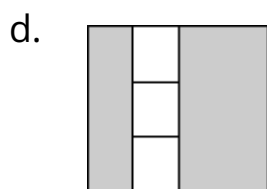
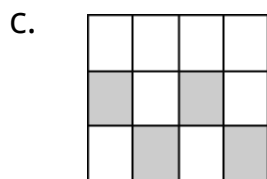
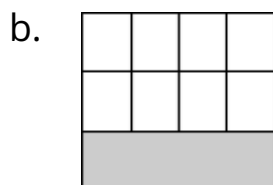
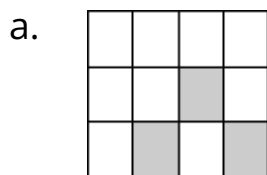
# ST Math. Summer Immersion

Grade 3 - Rising Grade 4 | Pre-Assessment

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

- a.  $<$
- b.  $=$
- c.  $>$

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





# ST Math. Summer Immersion

## Grade 3 - Rising Grade 4 | Pre-Assessment

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