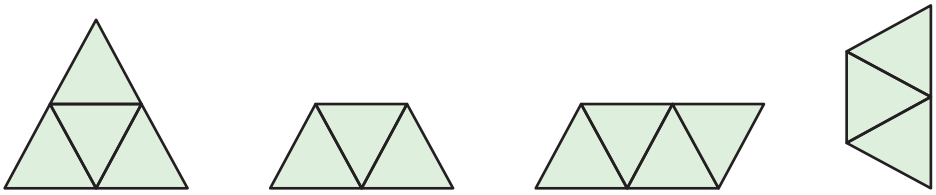
Name _____

Chapter 8 Review/Test

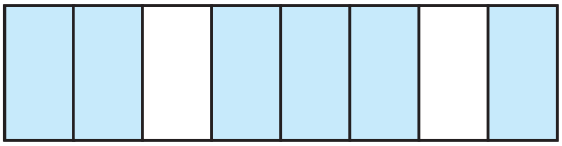
Personal Math Trainer
Online Assessment and Intervention

1. Each shape is divided into equal parts. Select the shapes that show thirds. Mark all that apply.



(A) (B) (C) (D)

2. What fraction names the shaded part of the shape?



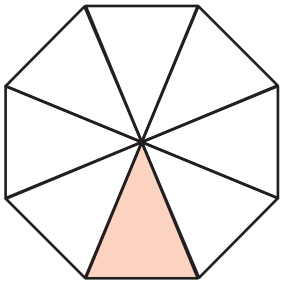
(A) 8 sixths

(B) 8 eighths

(C) 6 eighths

(D) 2 sixths

3. Omar shaded a model to show the part of the lawn that he finished mowing. What fraction names the shaded part? Explain how you know how to write the fraction.



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_____

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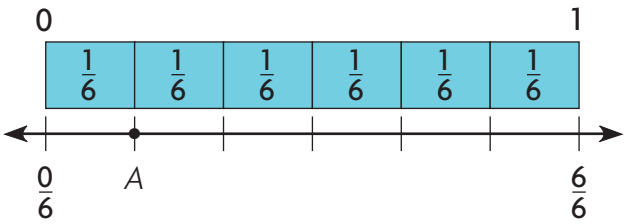
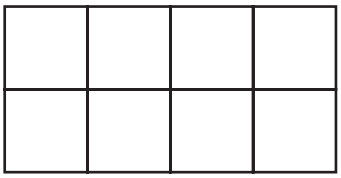
GO DIGITAL Assessment Options
Chapter Test

4. What fraction names point *A* on the number line?



_____

5. Jamal folded this piece of paper into equal parts. Circle the word that makes the sentence true.



The paper is folded into

sixths
eighths
fourths

.

6. Caleb took 18 photos at the zoo. One sixth of his photos are of giraffes. How many of Caleb's photos are of giraffes?

_____ photos

7. Three teachers share 2 packs of paper equally.

How much paper does each teacher get? Mark all that apply.

(A) 3 halves of a pack

(B) 2 thirds of a pack

(C) 3 sixths of a pack

(D) 1 half of a pack

(E) 1 third of a pack

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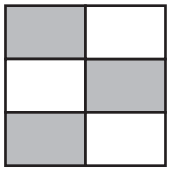
Name _____

8. Lilly shaded this design.



Select one number from each column to show the part of the design that Lilly shaded.

Numerator	Denominator
○ 1	○ 3
○ 3	○ 4
○ 5	○ 5
○ 6	○ 6

9. Marcus baked a loaf of banana bread for a party. He cut the loaf into equal size pieces. At the end of the party, there were 6 pieces left. Explain how you can find the number of pieces in the whole loaf if Marcus told you that $\frac{1}{3}$ of the loaf was left. Use a drawing to show your work.

_____

_____

_____

_____

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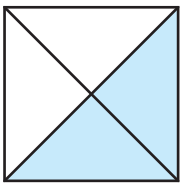
10. The model shows one whole. What fraction of the model is NOT shaded?



_____

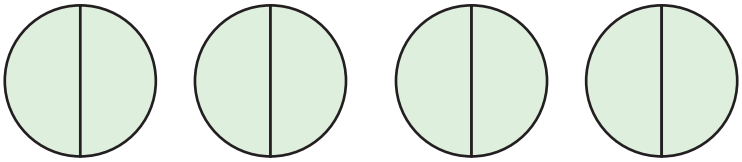
11. Together, Amy and Thea make up $\frac{1}{4}$ of the midfielders on the soccer team. How many midfielders are on the team? Show your work.

_____ midfielders

12. Six friends share 4 apples equally. How much apple does each friend get?

_____

13. Each shape is 1 whole.



For numbers 13a–13e, choose Yes or No to show whether the number names the parts that are shaded.

13a. 4	○ Yes	○ No
13b. 8	○ Yes	○ No
13c. $\frac{8}{2}$	○ Yes	○ No
13d. $\frac{8}{4}$	○ Yes	○ No
13e. $\frac{2}{8}$	○ Yes	○ No

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Name _____

14. Alex has 3 baseballs. He brings 2 baseballs to school. What fraction of his baseballs does Alex bring to school?

_____

15. GO DEEPER Janeen and Nicole each made fruit salad for a school event.

Part A

Janeen used 16 pieces of fruit to make her salad. If $\frac{1}{4}$ of the fruits were peaches, how many peaches did she use? Make a drawing to show your work.

_____ peaches

Part B

Nicole used 24 pieces of fruit. If $\frac{1}{6}$ of them were peaches, how many peaches in all did Janeen and Nicole use to make their fruit salads? Explain how you found your answer.

_____

_____

16. There are 8 rows of chairs in the auditorium. Three of the rows are empty. What fraction of the rows are empty?

_____

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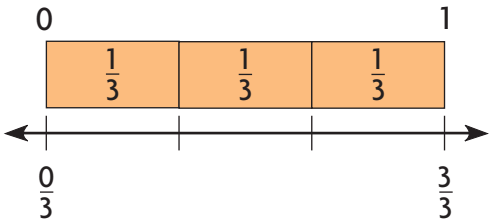
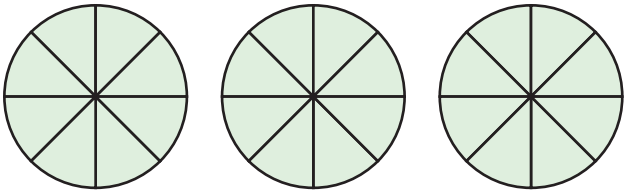
17. Tara ran 3 laps around her neighborhood for a total of 1 mile yesterday. Today she wants to run $\frac{2}{3}$ of a mile. How many laps will she need to run around her neighborhood?



_____ laps

18. Gary painted some shapes.



Select one number from each column to show a fraction greater than 1 that names the parts Gary painted.

Numerator	Denominator
○ 3	○ 3
○ 4	○ 4
○ 8	○ 8
○ 24	○ 24

Personal Math Trainer

19. THINK SMARTER+ Angelo rode his bike around a bike trail that was $\frac{1}{4}$ of a mile long. He rode his bike around the trail 8 times. Angelo says he rode a total of $\frac{8}{4}$ miles. Teresa says he is wrong and that he actually rode 2 miles. Who is correct? Use words and drawings to explain how you know.

_____

_____

_____

_____

_____

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