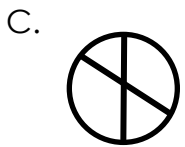
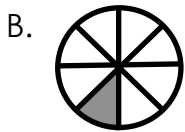
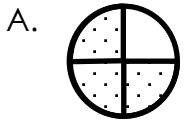


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Number: \_\_\_\_\_

Engage NY 3<sup>rd</sup> Grade Module 5 Topic B: Unit Fractions and Their Relation to the Whole

1. George and his 3 friends baked a pizza during his sleepover. They want to share the pizza equally. Show how George can slice the pizza so that he and his 3 friends can each get an equal amount with none leftover.



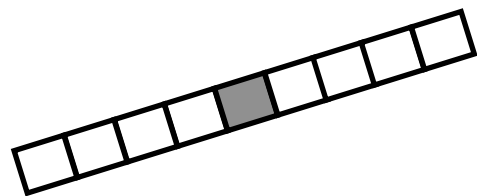
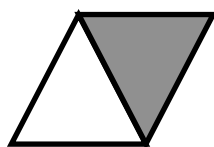
2. Tom bought 9 balloons for a party. His friends popped 1 balloon. What fraction of the balloons did his guests pop?

- a.  $\frac{1}{8}$
- b.  $\frac{1}{9}$
- c.  $\frac{9}{1}$
- d.  $\frac{2}{8}$

3. What fraction of the balloons were left?

- a.  $\frac{7}{8}$
- b.  $\frac{1}{9}$
- c.  $\frac{9}{1}$
- d.  $\frac{8}{9}$

4. Each image below is 1 whole. Write the fraction that is shaded.



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Andrew's mom baked his 2 favorite cakes for his birthday party. The cakes were the exact same size. Andrew cut his first cake into 6 pieces for him and his 5 friends. The picture below shows how he cut it. Did Andrew cut the cake into sixths? Explain your answer.



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6. Two of Andrew's friends came late to his party. They decide they will all share the second cake. Show how Andrew can slice the second cake so that he and his seven friends can each get an equal amount with none leftover. What fraction of the second cake will they each receive?



7. Andrew thinks it's strange that  $\frac{1}{8}$  of the cake would be less than  $\frac{1}{6}$  of the cake, since eight is bigger than six. To explain to Andrew, draw 2 identical rectangles to stand for the cakes. Show 1 eighth shaded on one and 1 sixth shaded on the other. Label the unit fractions and show him which slice is bigger.

8. Complete the number sentence. Estimate to equally partition each strip and shade the answer.

a. 1 third =



b. 2 fifths =



9. Estimate to draw and shade units on the fraction strips. Solve.

a. 6 fourths =



b. \_\_\_\_\_ =  $\frac{8}{3}$



10. Jimmy bought 2 ice cream sandwiches. Draw the ice cream sandwiches and estimate to partition each sandwich into 4 equal pieces.

a. Jimmy ate 7 pieces. Shade the amount that was eaten.

b. Write a fraction to show how many pieces of the ice cream sandwiches Jimmy ate.