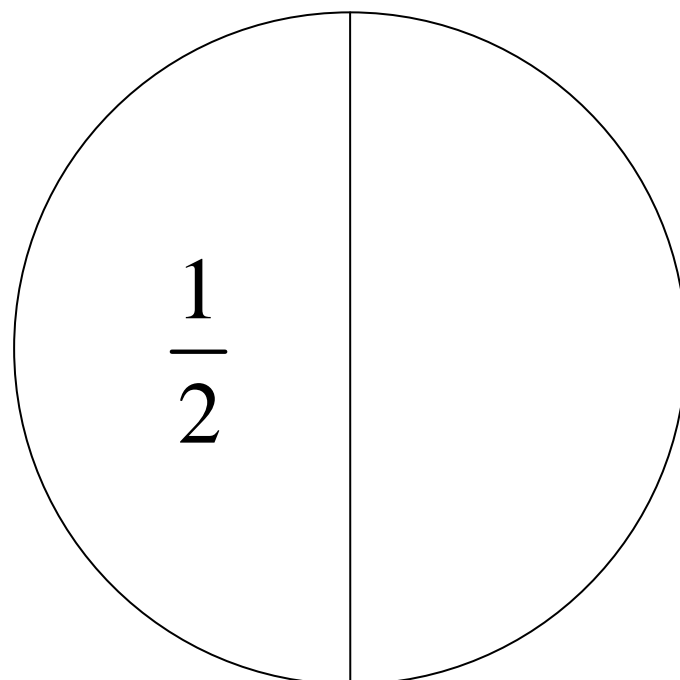
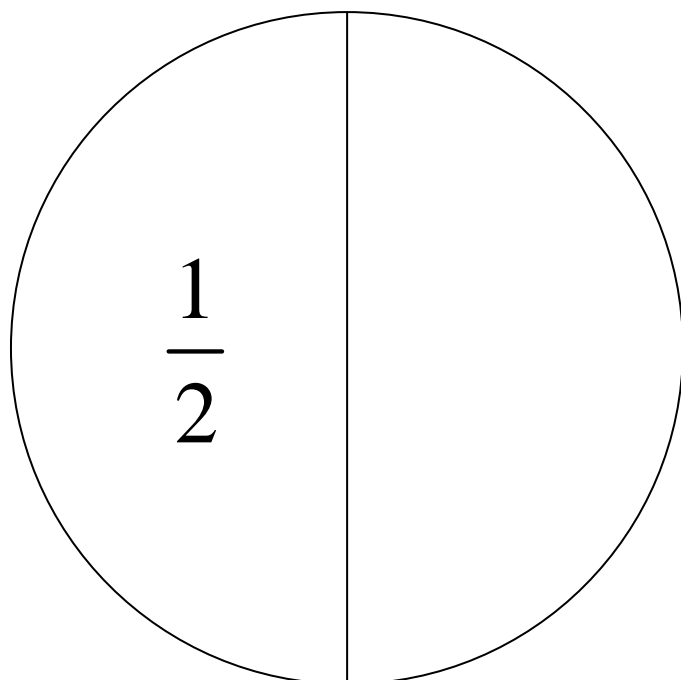
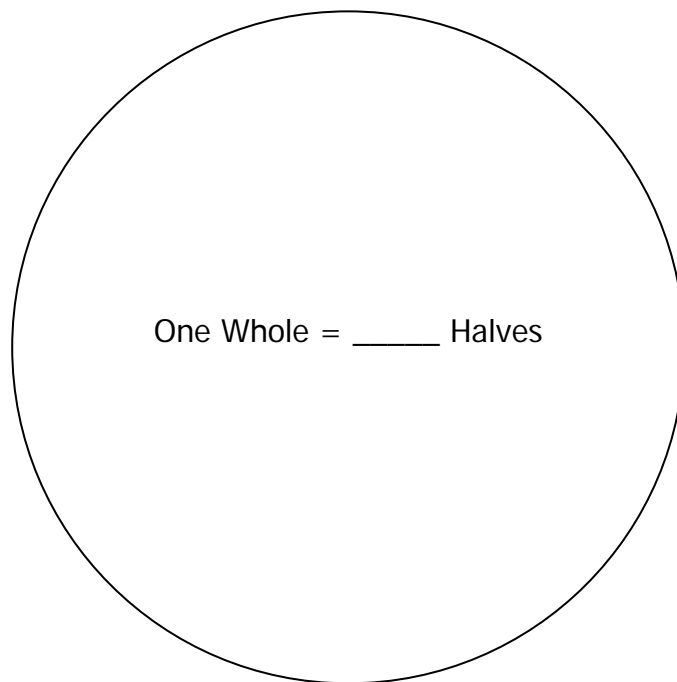


Grade 4: Equivalent Fractions (Unit Model)

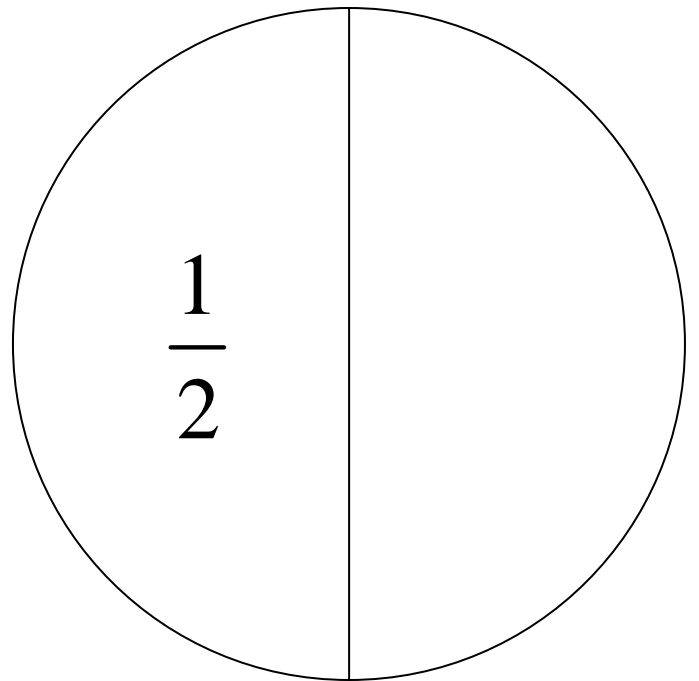
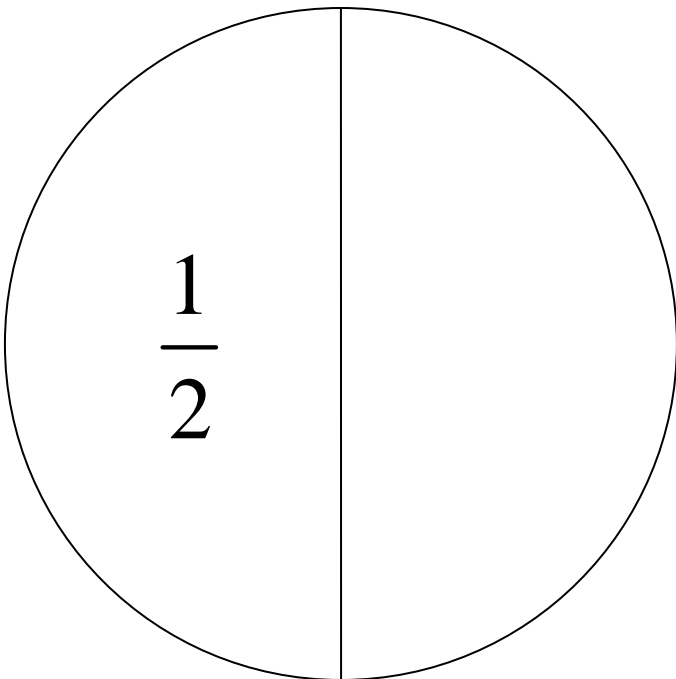
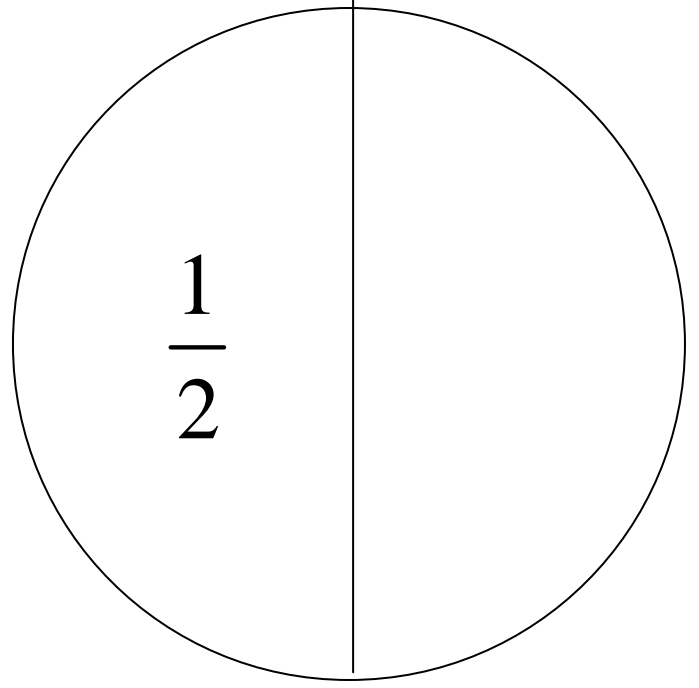
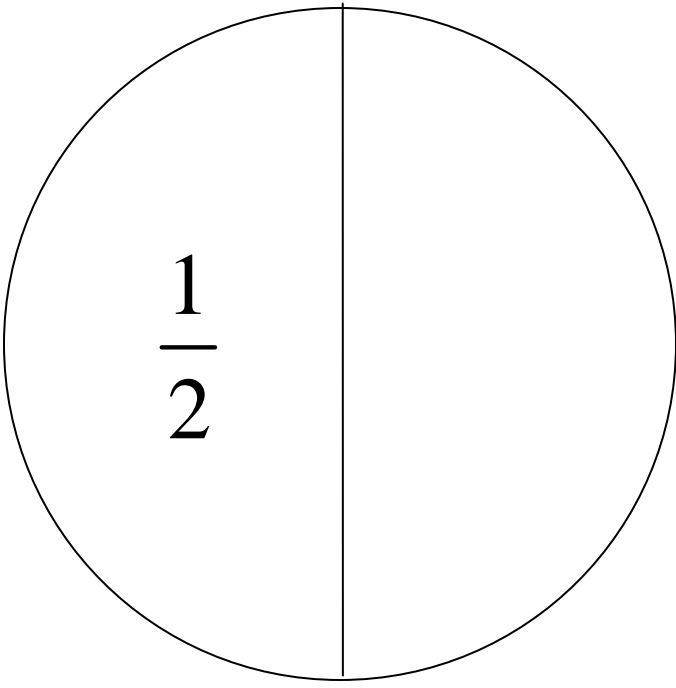
Use Fractions Circles Plus™ (by Creative Publications) to find Equivalent Fractions

Name _____ Date _____

Find fractions that are equivalent to $\frac{1}{2}$.

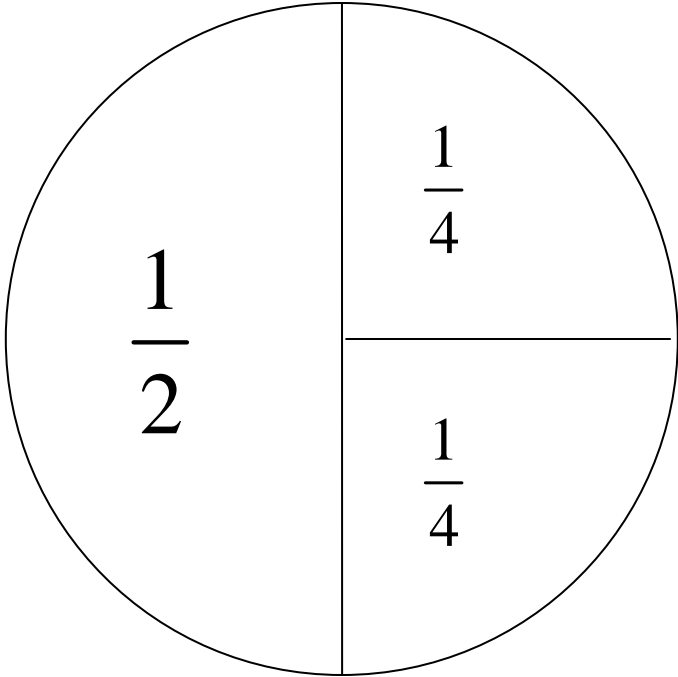


Grade 4: Equivalent Fractions (Unit Model)

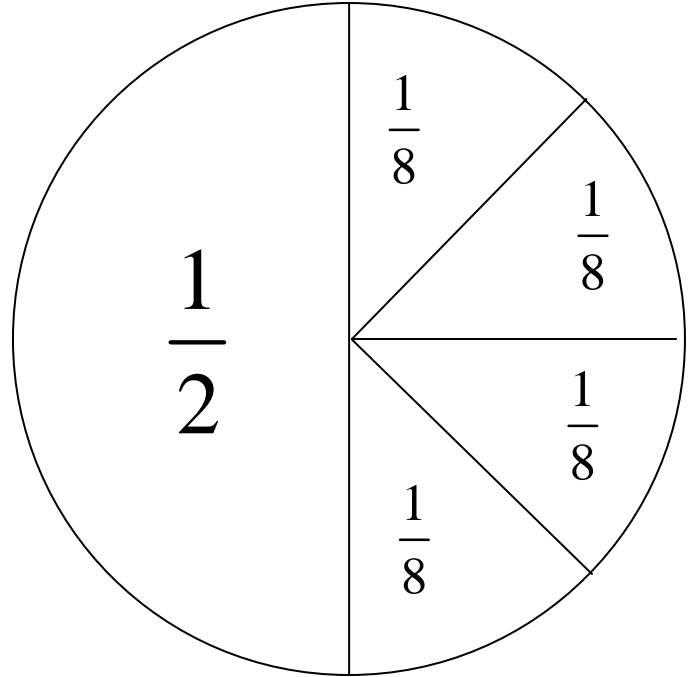


$$\frac{1}{2} = \frac{5}{10}$$

POSSIBLE SOLUTIONS

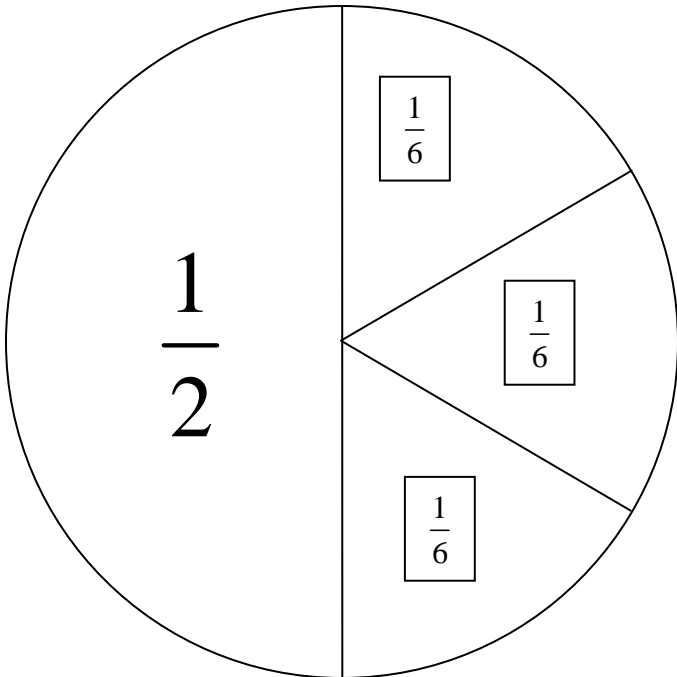


$$\frac{1}{2} = \frac{2}{4}$$

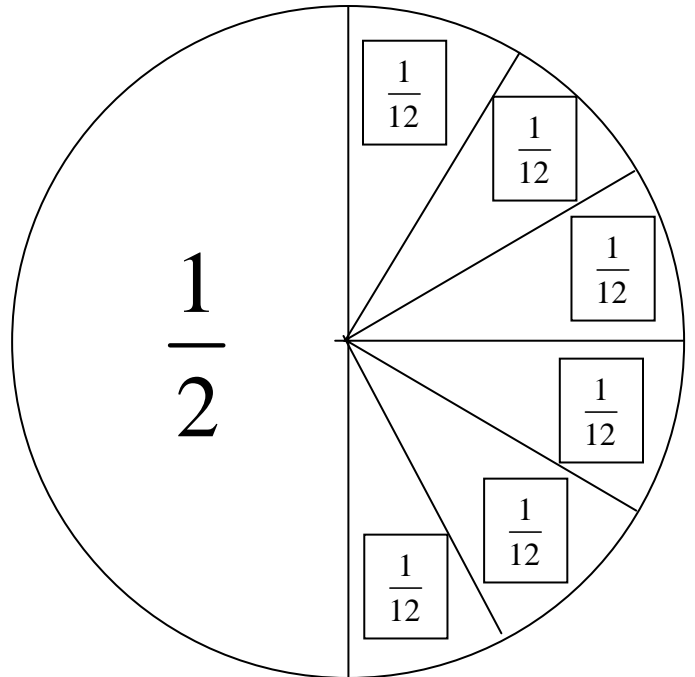


$$\frac{1}{2} = \frac{4}{8}$$

Do not assume that children will now understand that $\frac{2}{4} = \frac{4}{8}$



$$\frac{1}{2} = \frac{3}{6}$$



$$\frac{1}{2} = \frac{6}{12}$$

TEACHER PAGE

Does $\frac{3}{6} = \frac{6}{12}$? Do not be surprised if many children say, "No."

Find other equivalent fractions (using the fractions already found.)

Examples: $\frac{2}{4} = \frac{3}{6}$, $\frac{2}{4} = \frac{4}{8}$, $\frac{2}{4} = \frac{6}{12}$, $\frac{2}{4} = \frac{5}{10}$,

$\frac{3}{6} = \frac{4}{8}$, $\frac{3}{6} = \frac{6}{12}$, $\frac{3}{6} = \frac{5}{10}$,

$\frac{4}{8} = \frac{6}{12}$, $\frac{4}{8} = \frac{5}{10}$,

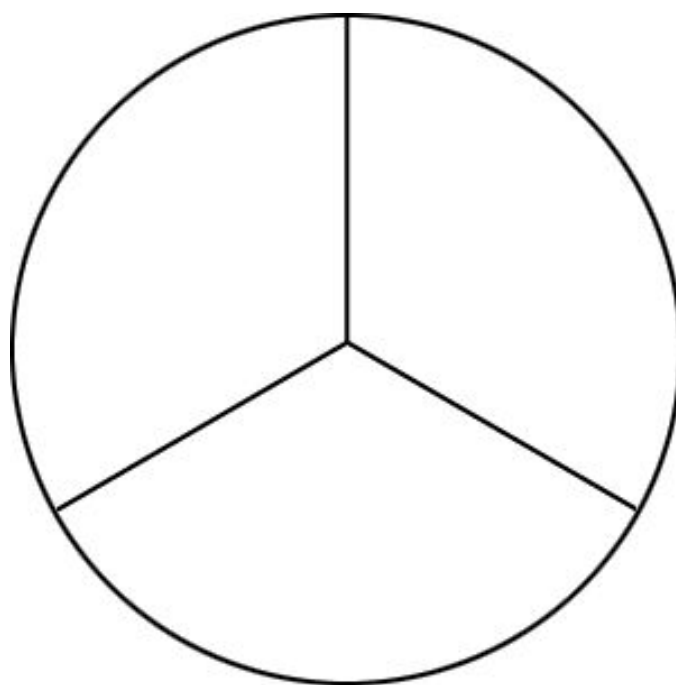
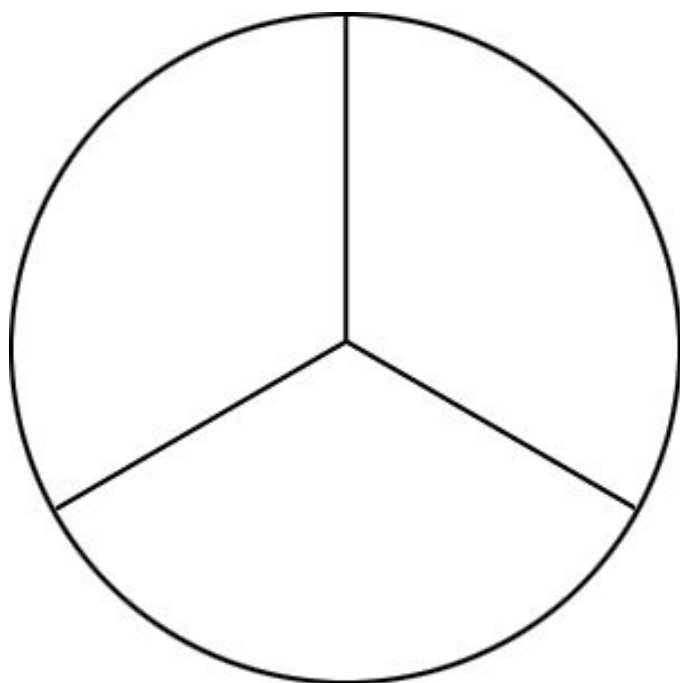
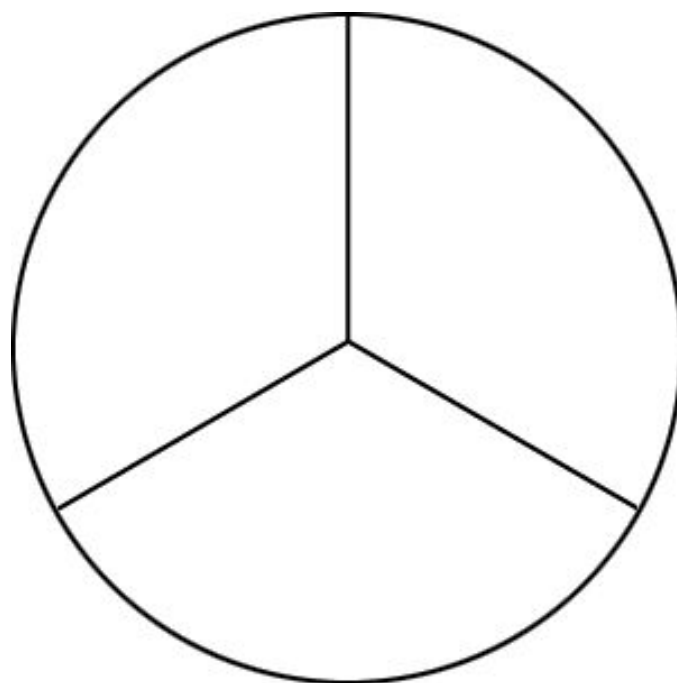
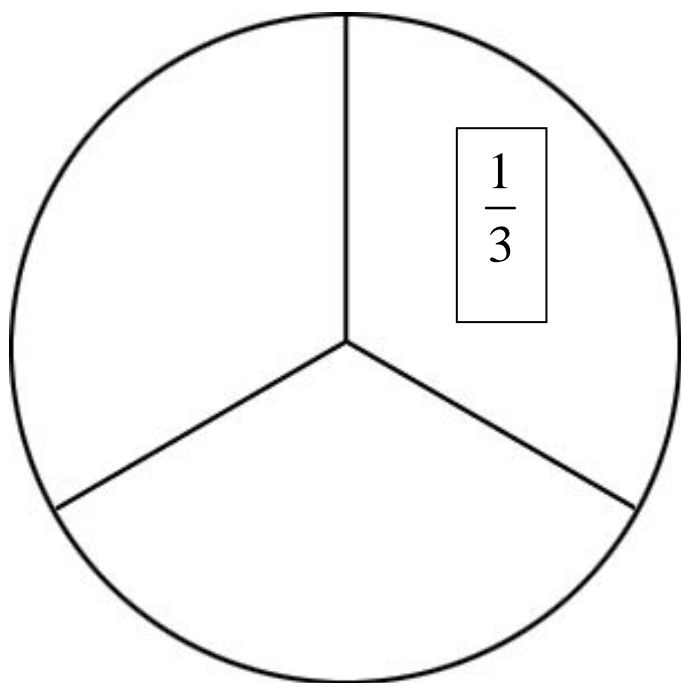
$\frac{6}{12} = \frac{5}{10}$

Grade 4: Equivalent Fractions (Unit Model)

Name _____ Date _____

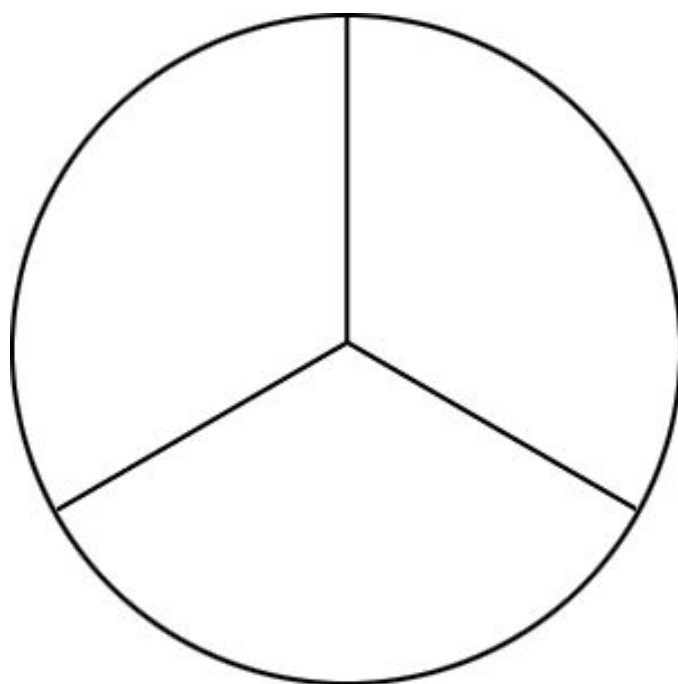
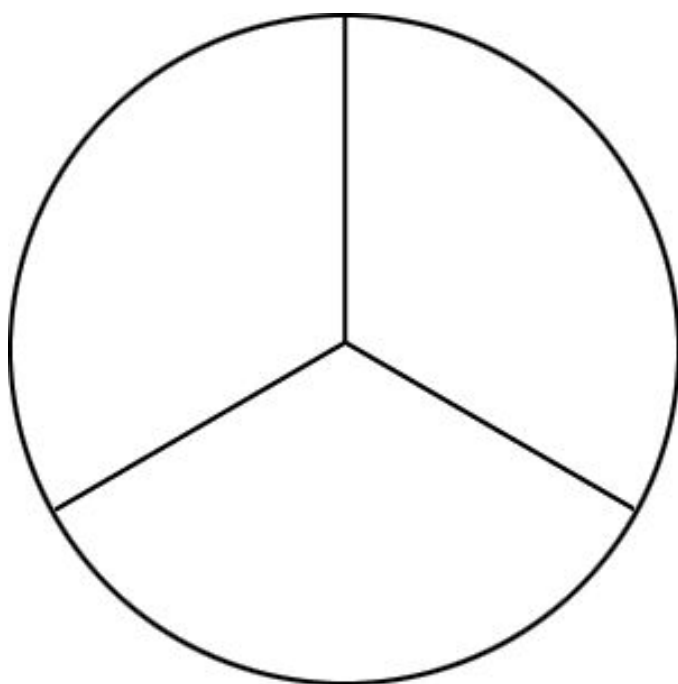
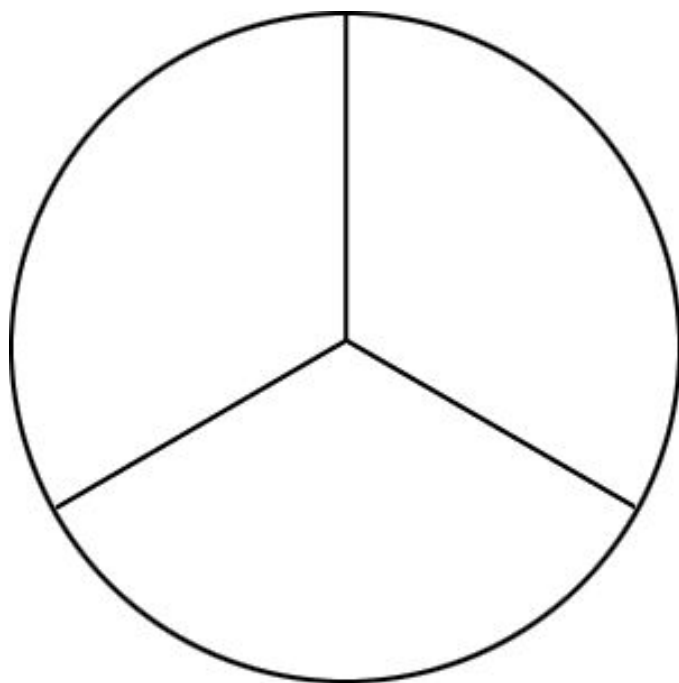
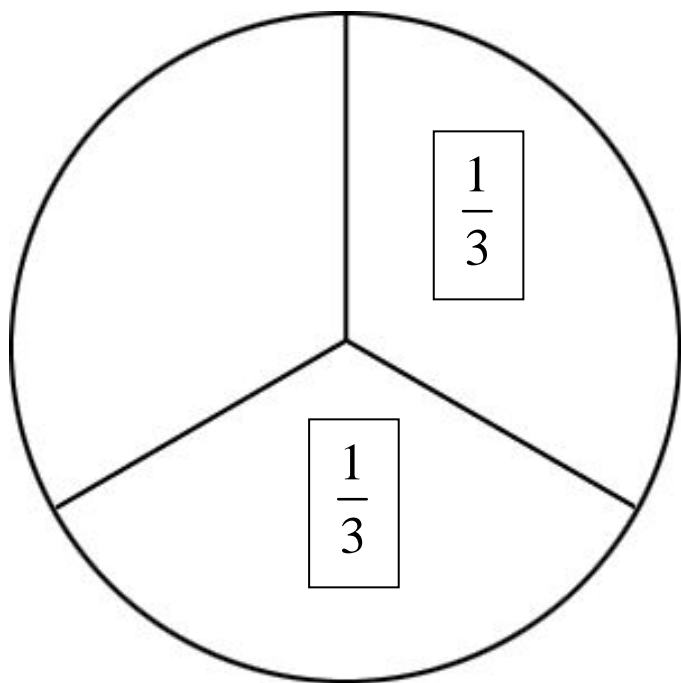
Find a fraction that is equivalent to $\frac{1}{3}$.

How many thirds equal one whole?



Grade 4: Equivalent Fractions (Unit Model)

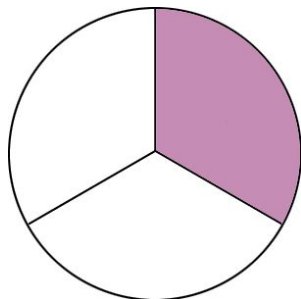
Find a fraction equivalent to $\frac{2}{3}$.



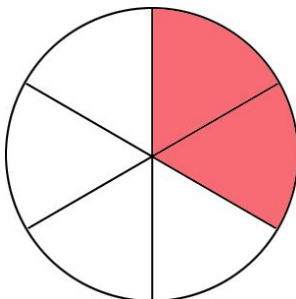
Grade 4: Equivalent Fractions (Unit Model)

POSSIBLE SOLUTIONS

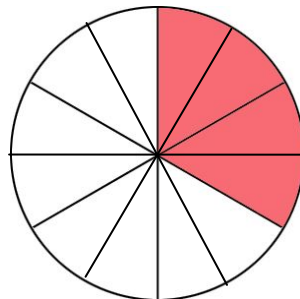
$\frac{1}{3}$



$\frac{1}{3}$

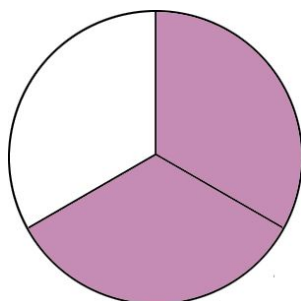


$\frac{2}{6}$

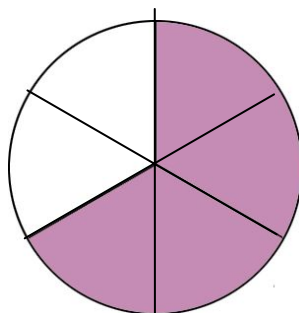


$\frac{4}{12}$

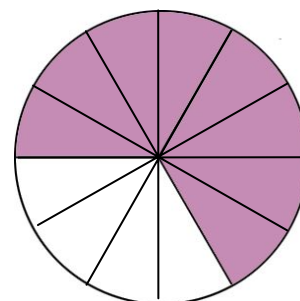
$\frac{2}{3}$



$\frac{2}{3}$



$\frac{4}{6}$

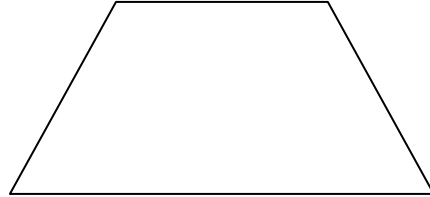
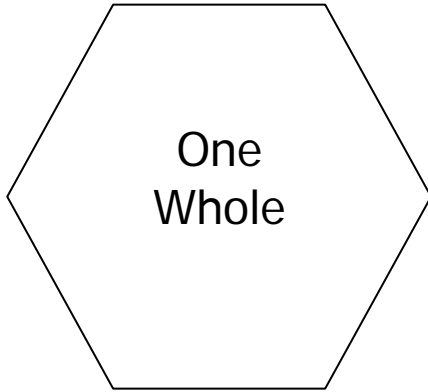


$\frac{8}{12}$

Name _____ Date _____

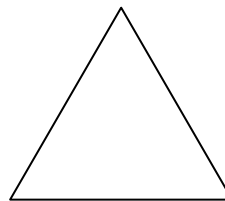
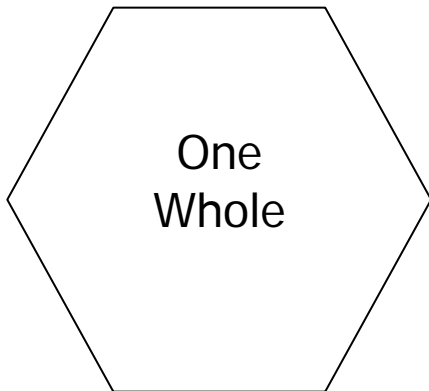
Finding Equivalent Fractions with Pattern Blocks

Yellow Hexagon is Equal to One Whole



1. How many red trapezoids fill the space of the yellow hexagon? _____
2. What fractional part of the yellow hexagon is the red trapezoid? Write the fraction inside the trapezoid.

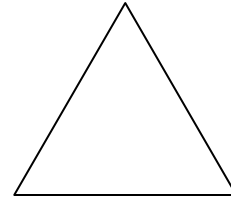
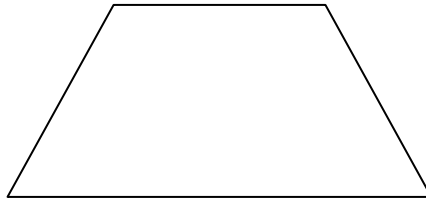
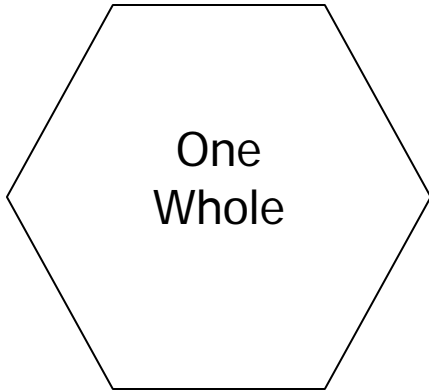
3. How many green triangles fill the space of the yellow hexagon? _____
4. Write the fraction inside the triangle.



Grade 4: Equivalent Fractions (Unit Model)

5. The yellow hexagon is one whole. What is the fractional name of the red trapezoid? Write the name inside the trapezoid below. Use real pattern blocks to help you.

6. The yellow hexagon is one whole. What is the fractional name of the green triangle? Write the name inside the triangle. Use real pattern blocks to help you.

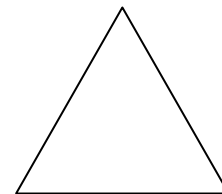
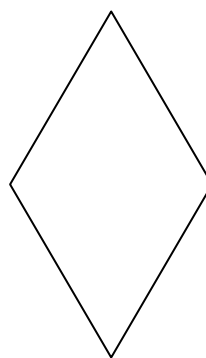
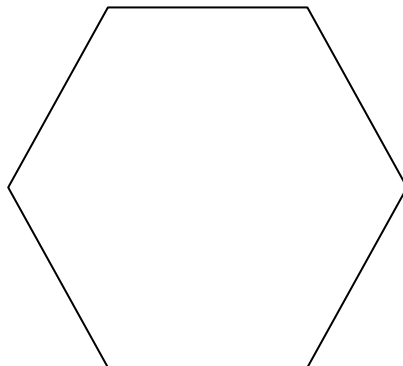


7. Write two fractions that are equivalent to each other. Use red trapezoid pattern blocks and green triangle pattern blocks to help you.

8. Use real pattern blocks to help you.
How many blue rhombuses fill the space of the yellow hexagon? _____
Write the fractional name of one rhombus inside the rhombus.

9. How many green triangles fill the space of the yellow hexagon? _____
Write the fractional name of one triangle inside the triangle.

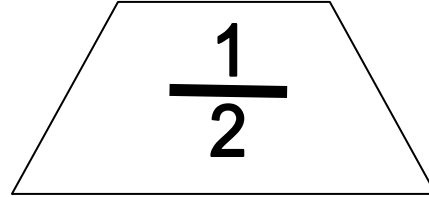
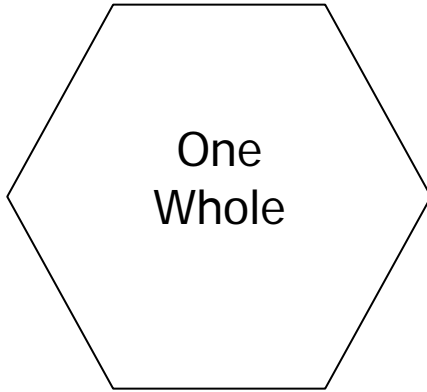
10. Write two fractions that are equivalent to each other. Use blue rhombuses and green triangles to help you.



POSSIBLE SOLUTIONS

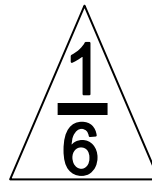
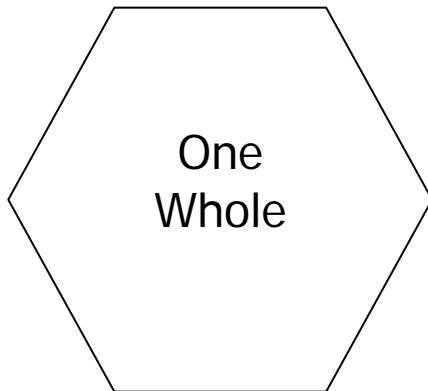
Finding Equivalent Fractions with Pattern Blocks

Yellow Hexagon is Equal to One Whole



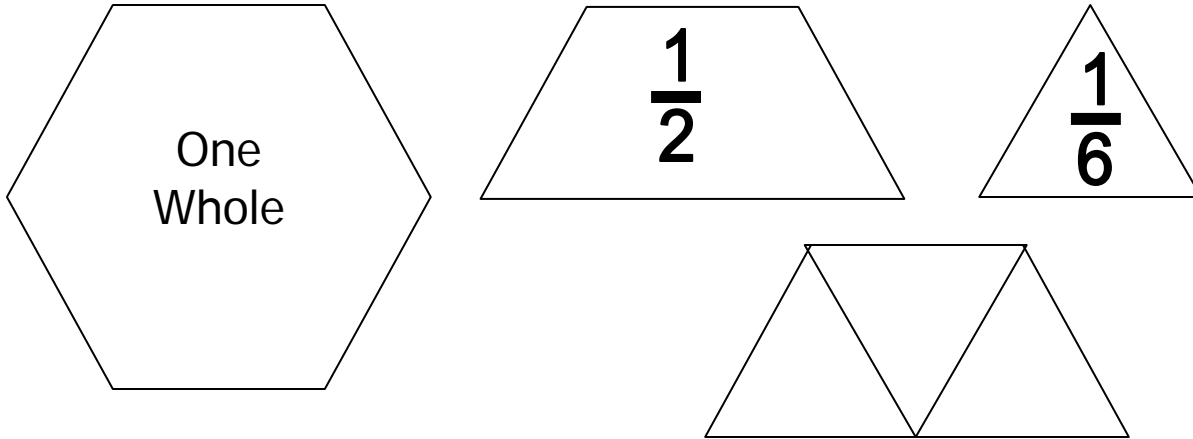
1. How many red trapezoids fill the space of the yellow hexagon? 2
2. What fractional part of the yellow hexagon is the red trapezoid? Write the fraction inside the trapezoid.

3. How many green triangles fill the space of the yellow hexagon? 6
4. Write the fraction inside the triangle.



Grade 4: Equivalent Fractions (Unit Model)

5. The yellow hexagon is one whole. What is the fractional name of the red trapezoid? Write the name inside the trapezoid below. Use real pattern blocks to help you.
6. The yellow hexagon is one whole. What is the fractional name of the green triangle? Write the name inside the triangle. Use real pattern blocks to help you.

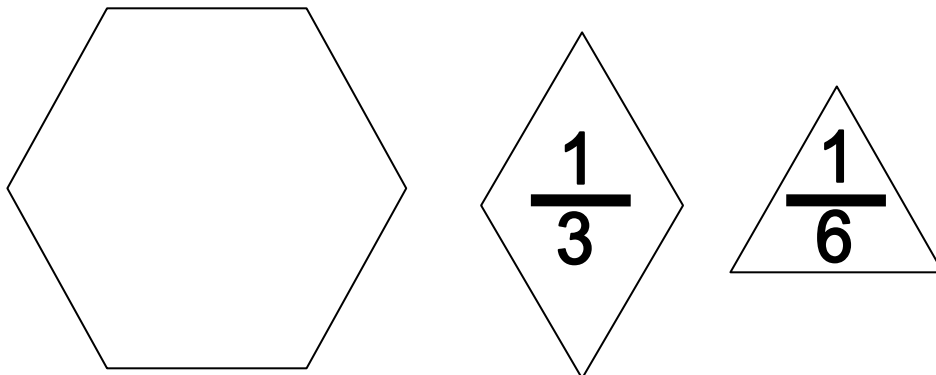


7. Write two fractions that are equivalent to each other. Use red trapezoid pattern blocks and green triangle pattern blocks to help you. $\frac{1}{2} = \frac{3}{6}$

8. Use real pattern blocks to help you.
How many blue rhombuses fill the space of the yellow hexagon? 3
Write the fractional name of one rhombus inside the rhombus.
9. How many green triangles fill the space of the yellow hexagon? 6
Write the fractional name of one triangle inside the triangle.
10. Write two fractions that are equivalent to each other. Use blue rhombuses and green triangles to help you.

$$\frac{1}{3} = \frac{2}{6}$$

$$\frac{2}{3} = \frac{4}{6}$$



Grade 4: Equivalent Fractions (Unit Model)

