Lesson 2 ~ Equivalent Fractions

Name_____ Period_____ Date_____

Draw a model of each fraction on the rectangle provided. Circle whether each pair of fractions is equivalent or not equivalent.

1. $\frac{3}{4}$ [ ]
   $\frac{7}{8}$ [ ]
   Equivalent? Yes / No

2. $\frac{2}{3}$ [ ]
   $\frac{4}{6}$ [ ]
   Equivalent? Yes / No

3. $\frac{2}{5}$ [ ]
   $\frac{5}{8}$ [ ]
   Equivalent? Yes / No

Solve each problem.

4. William claimed that $\frac{1}{4}$ of his gumballs were yellow. Christine said that $\frac{3}{8}$ of her gumballs were yellow. Did they have the same fraction of yellow gumballs? Show your work.

5. Marena painted $\frac{4}{5}$ of her room a new color. Her friend, Kimberly, also painted her room. She painted $\frac{8}{10}$ of her room. Did they each paint the same fraction of their rooms? Show your work.

Find the missing number for each equivalent fraction.

6. $\frac{3}{4} = \frac{}{12}$

7. $\frac{6}{10} = \frac{24}{}$

8. $\frac{42}{60} = \frac{7}{}$

9. $\frac{7}{9} = \frac{21}{}$

10. $\frac{95}{100} = \frac{19}{}$

11. $\frac{9}{27} = \frac{}{9}$

12. $\frac{49}{77} = \frac{7}{}$

13. $\frac{8}{18} = \frac{}{54}$

14. $\frac{1}{3} = \frac{}{18}$

Write two fractions that are equivalent to each fraction.

15. $\frac{5}{8}$

16. $\frac{8}{10}$

17. $\frac{3}{9}$

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

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

20. $\frac{15}{25}$