Lesson 5.7T ~ Multiplying and Dividing Mixed Numbers

Name_____ Period_____ Date_____

Write each whole or mixed number as an improper fraction.

1. $12 =$ ⬜

2. $5\frac{1}{2} =$ ⬜

Find each product. Write your answer in simplest form.

3. To find $2\frac{1}{2} \times 3$:

    a. Rename both numbers as improper fractions. $2\frac{1}{2} =$ ⬜ $3 =$ ⬜

    b. Multiply using both numbers from **part a**. ⬜ $\times$ ⬜ $=$ ⬜

    c. Rewrite the answer as a mixed number in simplest form.

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

4. $2\frac{1}{3} \times 4 =$

5. $2 \times 2\frac{1}{4} =$

6. $1\frac{1}{2} \times 1\frac{1}{9} =$

7. $2\frac{1}{3} \times 3\frac{1}{2} =$

8. Joy's family ate $1\frac{2}{3}$ boxes of crackers this month. If the family ate this amount for the 12 months of the year, how many boxes of crackers would they eat by the end of the year?