Changing an Improper Fraction to a Mixed Number

What is an improper fraction?

What is a mixed number?

How do you change an improper fraction to a mixed number?

Directions: Rewrite $\frac{21}{5}$ as a mixed number.

Step 1: Divide the numerator by the denominator.

$$\frac{21}{5} = 4 \text{ with a remainder of 1. } (4 \times 5 = 20 \text{ with one left}$$
$$\text{over to get to 21.)}$$

Step 2: The whole number is your whole number in the mixed number and the remainder becomes the numerator of the fraction. The denominator ALWAYS stays the same!

$$4\frac{1}{5}$$

Examples: Change the following improper fractions to mixed numbers.

a.) $\frac{14}{4} =$ b.) $\frac{10}{38} =$ c.) $\frac{19}{5} =$ d.) $\frac{11}{4} =$

e.) $\frac{40}{7} =$ f.) $\frac{58}{9}$ g.) $\frac{10}{3} =$ h.) $\frac{39}{5} =$