Improper Fractions

An improper fraction is a fraction where the numerator (the top number), is greater than or equal to the denominator (the bottom number). These fractions can also be written as mixed fractions. To convert an improper fraction to a mixed fraction, follow the steps below.

1. Divide the numerator by the denominator.
2. Write down the whole number answer.
3. Then write down any remainder above the denominator.

Example: Convert $\dfrac{11}{4}$ **to a mixed fraction.**

Divide: 11 ÷ 4 = 2 with a remainder of 3

Write down the 2 and then write down the remainder (3) above the denominator (4):

$$2\dfrac{3}{4}$$

Convert the following improper fractions to mixed numbers.
Write your answer on the line next to each problem.

1) $\dfrac{9}{4} =$ _____

2) $\dfrac{82}{9} =$ _____

3) $\dfrac{31}{5} =$ _____

4) $\dfrac{13}{3} =$ _____

5) $\dfrac{29}{7} =$ _____

6) $\dfrac{11}{5} =$ _____

7) $\dfrac{61}{6} =$ _____

8) $\dfrac{7}{3} =$ _____

9) $\dfrac{50}{7} =$ _____

10) $\dfrac{17}{4} =$ _____

11) $\dfrac{71}{10} =$ _____

12) $\dfrac{29}{7} =$ _____

13) $\dfrac{55}{6} =$ _____

14) $\dfrac{21}{10} =$ _____

15) $\dfrac{25}{4} =$ _____