

Working With Improper Fractions

Look at the fraction below:

$\frac{5}{4}$ The fraction does not look right to us because the **numerator** is larger than the **denominator**. When this occurs we call it an **improper fraction**. We have to change the fraction into a **mixed number**.

$\frac{5}{4}$ **Divide** the **numerator** by the denominator = $5 \div 4 = 1$ remainder 1. This means we can make 1 **whole number** with $\underline{1}$ remaining. Our mixed number would be $1\frac{1}{4}$

Now try to complete the table below using the same method.

<i>Improper Fraction</i>	<i>Calculation</i>	<i>Mixed Number</i>
$\frac{5}{4}$	$5 \div 4 = 1$ remainder 1	$1\frac{1}{4}$
$\frac{8}{3}$		
$\frac{9}{2}$		
$\frac{11}{4}$		
$\frac{7}{5}$		
$\frac{21}{6}$		
$\frac{23}{7}$		
$\frac{18}{10}$		
$\frac{13}{8}$		
$\frac{19}{5}$		

Improper Fractions 1 - ANSWERS

<i>Improper Fraction</i>	<i>Calculation</i>	<i>Mixed Number</i>
$\frac{5}{4}$	$5 \div 4 = 1 \text{ remainder } 1$	$1 \frac{1}{4}$
$\frac{8}{3}$	$8 \div 3 = 2 \text{ r } 2$	$2 \frac{2}{3}$
$\frac{9}{2}$	$9 \div 2 = 4 \text{ r } 1$	$4 \frac{1}{2}$
$\frac{11}{4}$	$11 \div 4 = 2 \text{ r } 3$	$2 \frac{3}{4}$
$\frac{7}{5}$	$7 \div 5 = 1 \text{ r } 2$	$1 \frac{2}{5}$
$\frac{21}{6}$	$21 \div 6 = 3 \text{ r } 3$	$3 \frac{3}{6} = 3 \frac{1}{2}$
$\frac{23}{7}$	$23 \div 7 = 3 \text{ r } 2$	$3 \frac{2}{7}$
$\frac{18}{10}$	$18 \div 10 = 1 \text{ r } 8$	$1 \frac{8}{10} = 1 \frac{4}{5}$
$\frac{13}{8}$	$13 \div 8 = 1 \text{ r } 5$	$1 \frac{5}{8}$
$\frac{19}{5}$	$19 \div 5 = 3 \text{ r } 4$	$3 \frac{4}{5}$