

Mixed Numbers & Improper Fractions (5-6)

<i>mixed number</i>	Decode m.i.xed num.ber
Definition a whole # and a fraction	Example $3\frac{2}{7}$ $6\frac{7}{8}$ $4\frac{5}{8}$

mixed # \longrightarrow improper fraction

$$6\frac{7}{8} \quad 6 \cdot \frac{7}{8} = \frac{55}{8}$$

<i>improper fraction</i>	Decode im.prop.er frac.tion
Definition the numerator is larger than the denominator	Example $\frac{37}{6}$ $\frac{42}{5}$ $\frac{55}{6}$

Example 2: Rewrite each mixed number as an improper fraction.

I Do	You Do
$4\frac{6}{7}$ $\frac{34}{7}$	$11\frac{4}{9}$ $\frac{103}{9}$

Example 3: Rewrite each improper fraction as a mixed number.

I Do	You Do
$\curvearrowright \frac{21}{4}$ $5\frac{1}{4}$ $5\frac{1}{4} \quad \frac{21}{4} \checkmark$	$\curvearrowright \frac{37}{5}$ $7\frac{2}{5}$ $7\frac{2}{5} \quad \frac{37}{5} \checkmark$