

Steps to Change Improper to Mixed

- ✓ 1. Think of the fraction bar as a division symbol.
- ✓ 2. Divide the numerator by the denominator.
- ✓ 3. The whole number becomes the whole number part of the mixed number.
- ✓ 4. Write the remainder over the original denominator. This is the fraction part of the mixed number.

Examples

Improper → Mixed

$\frac{16}{3}$	$5 \frac{1}{3}$	$\frac{7}{2}$	$3 \frac{1}{2}$
$\textcircled{3}$	$\textcircled{3}$		$\textcircled{3 \frac{1}{2}}$
$3 \overline{) 16}$			$2 \overline{) 7}$
$\quad -15$			$\quad -6$
$\quad \quad 1$			$\quad \quad 1$

Diagram description: A large arrow points from the circled denominator '3' in the first example to the circled '3' in the mixed number '5 1/3'. Another arrow points from the circled '3 1/2' to the circled '3' in the mixed number '3 1/2'. Labels 'whole number' and 'fraction' are placed above the circled parts of the second example.

Solve.

① $\frac{9}{7} = 1 \frac{2}{7}$

$1 \frac{2}{7}$
$7 \overline{) 9}$
$\quad -7$
$\quad \quad 2$

② $\frac{14}{3} = 4 \frac{2}{3}$

$4 \frac{2}{3}$
$3 \overline{) 14}$
$\quad -12$
$\quad \quad 2$