NAME _____

Lesson 4.2 Changing Improper Fractions to Mixed Numbers

$\frac{13}{6}$ means $13 \div 6$ or $6\overline{)13}$

$$6\overline{)13} \quad 2\ \tfrac{1}{6}$$
$$-12$$
$$1 \longrightarrow 1 \div 6 = \tfrac{1}{6}$$

So, $\frac{13}{6} = 2\frac{1}{6}$

$\frac{13}{6}$ is an **improper fraction**, meaning the denominator divides the numerator at least one time. In other words, the numerator is greater than the denominator.

$2\frac{1}{6}$ is a **mixed number**. This is the simplest form of an improper fraction.

Write each improper fraction as a mixed number in simplest form.

	a	b	c
1.	$\frac{5}{3}$ _____	$\frac{7}{6}$ _____	$\frac{9}{5}$ _____
2.	$\frac{3}{2}$ _____	$\frac{4}{3}$ _____	$\frac{8}{5}$ _____
3.	$\frac{7}{5}$ _____	$\frac{9}{7}$ _____	$\frac{5}{4}$ _____
4.	$\frac{32}{6}$ _____	$\frac{51}{4}$ _____	$\frac{49}{9}$ _____
5.	$\frac{66}{5}$ _____	$\frac{83}{3}$ _____	$\frac{28}{5}$ _____
6.	$\frac{29}{3}$ _____	$\frac{28}{7}$ _____	$\frac{64}{6}$ _____