Lesson 4.3 Changing Mixed Numbers to Improper Fractions

To change a mixed number to a fraction, multiply the denominator by the whole number. Then, add the numerator to the product to get the new numerator. Keep the denominator the same.

$$4\frac{3}{5} = \frac{(5 \times 4) + 3}{5} = \frac{20 + 3}{5} = \frac{23}{5} \qquad 2\frac{3}{4} = \frac{(4 \times 2) + 3}{4} = \frac{8 + 3}{4} = \frac{11}{4}$$

Change each mixed number to an improper fraction.

	a	**b**	**c**	**d**
1.	$2\frac{5}{8}$ _____	$3\frac{1}{4}$ _____	$2\frac{3}{7}$ _____	$4\frac{1}{1}$ _____
2.	$3\frac{3}{4}$ _____	$2\frac{5}{12}$ _____	$4\frac{1}{6}$ _____	$5\frac{2}{3}$ _____
3.	$2\frac{7}{16}$ _____	$3\frac{1}{2}$ _____	$1\frac{7}{16}$ _____	$2\frac{5}{8}$ _____
4.	$3\frac{1}{3}$ _____	$4\frac{2}{5}$ _____	$3\frac{1}{8}$ _____	$7\frac{1}{3}$ _____
5.	$8\frac{2}{3}$ _____	$1\frac{2}{5}$ _____	$2\frac{3}{7}$ _____	$3\frac{8}{9}$ _____
6.	$4\frac{2}{5}$ _____	$3\frac{5}{6}$ _____	$2\frac{4}{9}$ _____	$4\frac{5}{12}$ _____