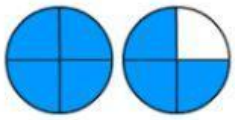
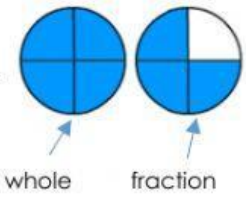
Identifying Proper, Mixed and Improper Fractions

All fractions have similar features. These include the **numerator**, **denominator** and **vinculum**.

$\frac{4}{7}$ → Numerator
→ Vinculum
→ Denominator

4 parts out of 7 parts

There are different types of fractions. These include **proper**, **improper** and **mixed numbers**.

Proper	Improper	Mixed Numbers
The numerator is smaller than the denominator. Proper fractions are worth less than a whole.	**The numerator is larger than the denominator.** Improper fractions are worth more than a whole.	**Includes both whole numbers and fractions.** Mixed Numbers are worth more than a whole.
E.g. $\frac{3}{4}$	e.g. $\frac{7}{4}$ 	e.g $1\frac{3}{4}$ 

Type into the box to label these fractions as either **proper**, **improper** or **mixed**

$\frac{9}{10}$		$1\frac{2}{3}$	
$2\frac{1}{3}$		$\frac{100}{2}$	
$\frac{9}{7}$		$\frac{8}{15}$	
$\frac{6}{3}$		$9\frac{1}{2}$	

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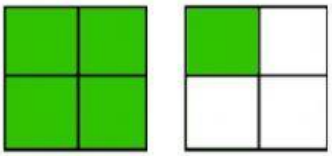
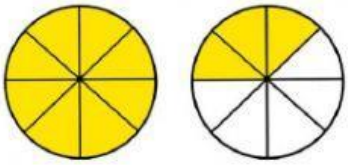
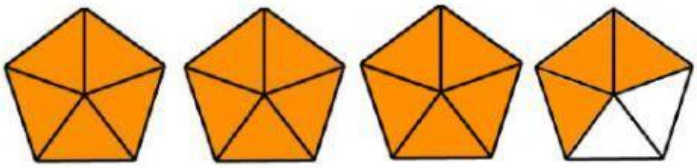
Converting between Mixed and Improper Fractions

E.g.  = $\frac{5}{4}$ = $1\frac{1}{4}$

5 quarters

1 whole + 1 quarter

Convert between improper and mixed numbers (don't simplify)

Picture	Improper Fractions	Mixed Numbers
	____	____
	____	____
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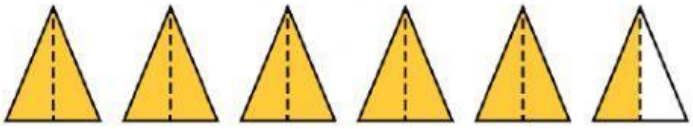	____	____
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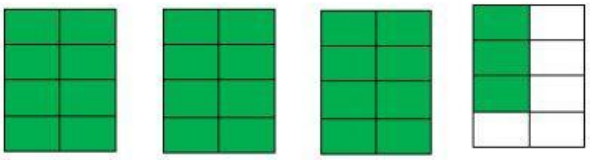
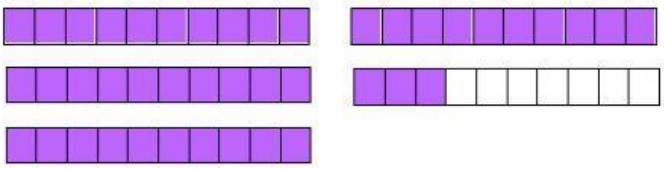
	____	____
	____	____

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