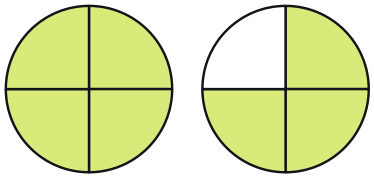
Names (pair) _____ Date _____

More Than One Whole

Example



7 quarters

Seven quarters fill one whole disc and three quarters of another.

$\frac{7}{4} = 1\frac{3}{4}$

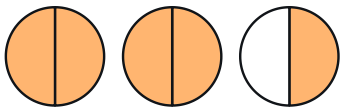
Remember

An **improper fraction** has a numerator greater than or equal to its denominator, e.g. $\frac{7}{4}$.

A **mixed number** has a whole part and a proper fraction, e.g. $1\frac{3}{4}$. They are two names for the same number.

PART 1 Count the pieces

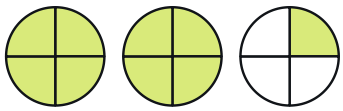
1 Write the coloured amount as an improper fraction and as a mixed number.

1. 

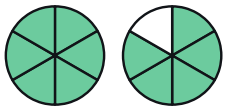
$\frac{\square}{\square} = \square\frac{\square}{\square}$

2. 

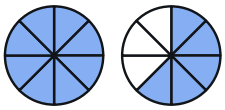
$\frac{\square}{\square} = \square\frac{\square}{\square}$

3. 

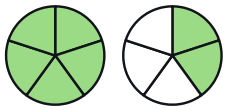
$\frac{\square}{\square} = \square\frac{\square}{\square}$

4. 

$\frac{\square}{\square} = \square\frac{\square}{\square}$

5. 

$\frac{\square}{\square} = \square\frac{\square}{\square}$

6. 

$\frac{\square}{\square} = \square\frac{\square}{\square}$

Names (pair) _____ Date _____

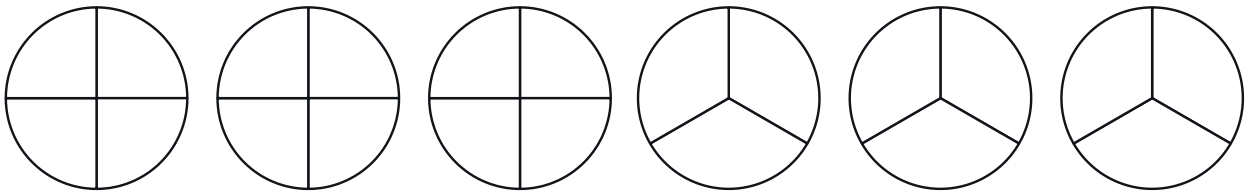
PART 2 Builder and namer

2 **In pairs.** The *builder* builds the number with disc pieces. The *namer* writes it the other way. Swap roles after each row.

	Build	Improper fraction	Mixed number
1.	$2\frac{1}{3}$	$\frac{\square}{3}$	$2\frac{1}{3}$
2.	$\frac{11}{4}$	$\frac{11}{4}$	$\square\ \frac{\square}{4}$
3.	$1\frac{5}{6}$	$\frac{\square}{6}$	$1\frac{5}{6}$
4.	$\frac{13}{5}$	$\frac{13}{5}$	$\square\ \frac{\square}{5}$
5.	$3\frac{1}{2}$	$\frac{\square}{2}$	$3\frac{1}{2}$
6.	$\frac{17}{8}$	$\frac{17}{8}$	$\square\ \frac{\square}{8}$

3 Colour on the discs.

$2\frac{1}{4}$ $\frac{7}{3}$



4 Mia says: „$\frac{9}{4}$ is not a fraction because it is greater than 1.” Is she right? Explain with a drawing.