Improper Fractions Answers

1) Ring or write down any mixed number that is equivalent to the improper fraction.

$\frac{13}{3}$	$2\frac{2}{3}$	**$4\frac{1}{3}$**	$5\frac{1}{3}$	$4\frac{2}{3}$	$2\frac{2}{3}$
$\frac{14}{4}$	**$3\frac{2}{4}$**	$4\frac{1}{2}$	**$3\frac{1}{2}$**	$4\frac{1}{4}$	$2\frac{1}{2}$
$\frac{16}{10}$	$1\frac{4}{10}$	$1\frac{2}{5}$	**$1\frac{3}{5}$**	**$1\frac{6}{10}$**	$1\frac{8}{10}$
$\frac{20}{6}$	$2\frac{2}{3}$	**$3\frac{2}{6}$**	$3\frac{2}{3}$	$2\frac{1}{3}$	**$3\frac{1}{3}$**
$\frac{19}{5}$	$4\frac{1}{5}$	$4\frac{2}{5}$	**$3\frac{4}{5}$**	$3\frac{3}{5}$	$5\frac{1}{5}$

2) Write the following improper fractions as mixed numbers.

a) $\frac{22}{3}$ = $7\frac{1}{3}$

b) $\frac{5}{2}$ = $2\frac{1}{2}$

c) $\frac{21}{6}$ = $3\frac{1}{2}$ or $3\frac{3}{6}$

d) $\frac{34}{10}$ = $3\frac{4}{10}$ or $3\frac{2}{5}$

e) $\frac{31}{4}$ = $7\frac{3}{4}$

f) $\frac{14}{5}$ = $2\frac{4}{5}$

g) $\frac{16}{3}$ = $5\frac{1}{3}$

h) $\frac{17}{8}$ = $2\frac{1}{8}$

i) $\frac{22}{9}$ = $2\frac{4}{9}$

j) $\frac{27}{12}$ = $2\frac{3}{12}$

k) $\frac{23}{10}$ = $2\frac{3}{10}$

l) $\frac{19}{4}$ = $4\frac{3}{4}$

m) $\frac{19}{7}$ = $2\frac{5}{7}$

n) $\frac{21}{5}$ = $4\frac{1}{5}$

o) $\frac{30}{6}$ = 5

3) Answer these questions, writing your answer as mixed numbers.

a) 27 children sit at tables of 6, filling all the tables where possible. Express how the tables are filled using a mixed number.

$4\frac{3}{6}$ or $4\frac{1}{2}$

b) A teacher asks 2 children to sort 73 tennis balls into baskets of 10 balls, filling the baskets where possible. Express how the baskets are filled using a mixed number.

$7\frac{3}{10}$

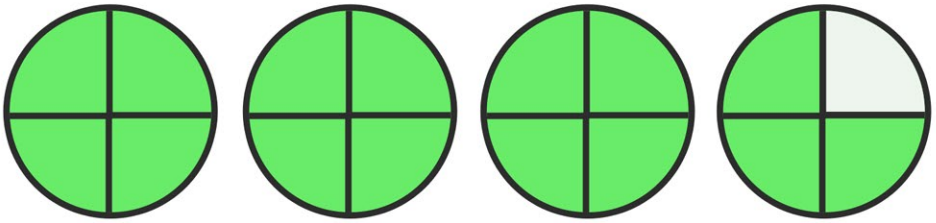
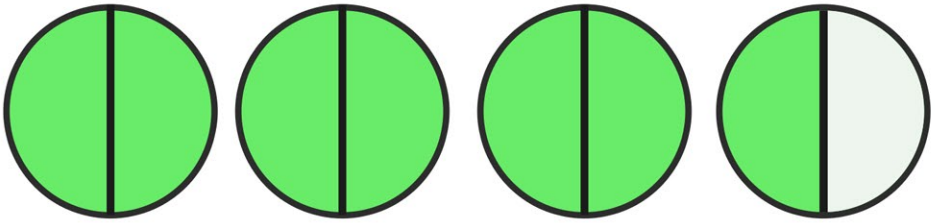
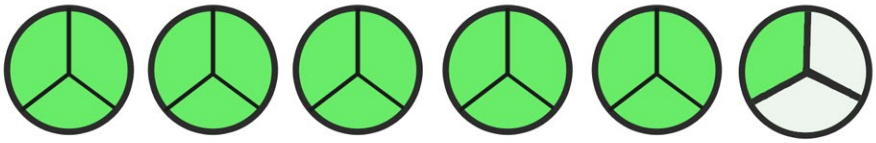
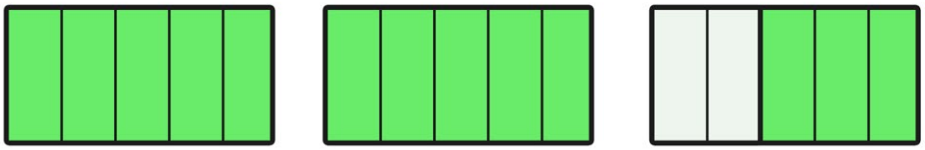
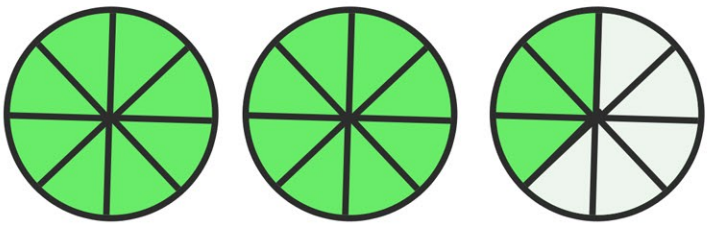
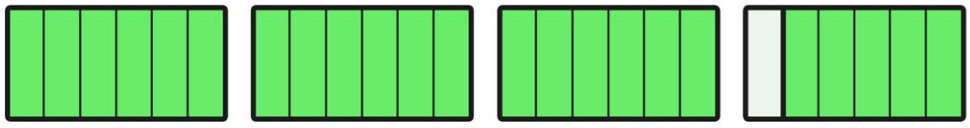
c) A pizza van sells pizza slices. Each slice is one quarter of a pizza. At the end of the day the pizza seller works out how many pizza's he has left. On one day he has 9 pieces. How many pizzas does he have left?

$2\frac{1}{4}$

d) Write some of your own questions for which the answer is a mixed number.

Improper Fractions

3) Write the improper fractions and mixed numbers represented by the shapes below.

	Improper Fraction		Mixed Number
a)	$\frac{15}{4}$		$3\frac{3}{4}$
b)	$\frac{7}{2}$		$3\frac{1}{2}$
c)	$\frac{16}{3}$		$5\frac{1}{3}$
d)	$\frac{13}{5}$		$2\frac{3}{5}$
e)	$\frac{19}{8}$		$2\frac{3}{8}$
f)	$\frac{23}{6}$		$3\frac{5}{6}$