

# 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 number.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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  $4 \frac{1}{2}$

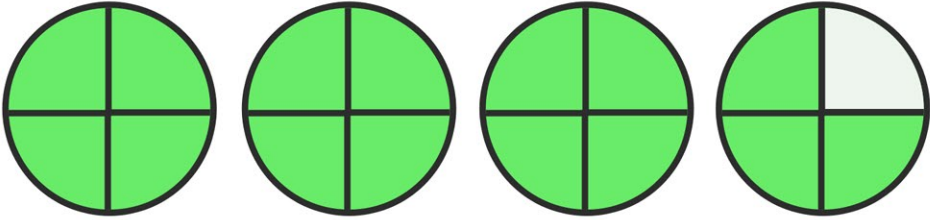
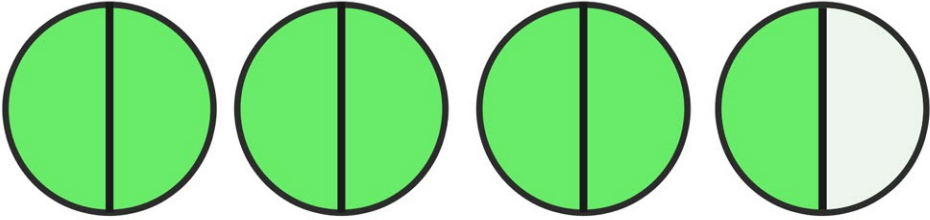
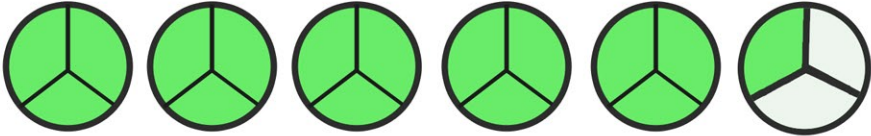

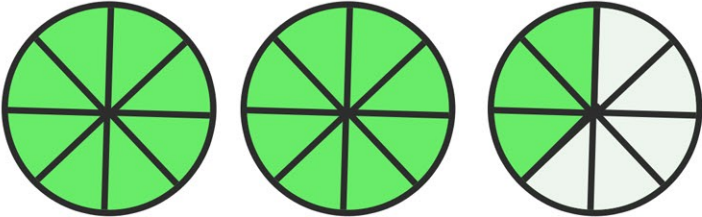
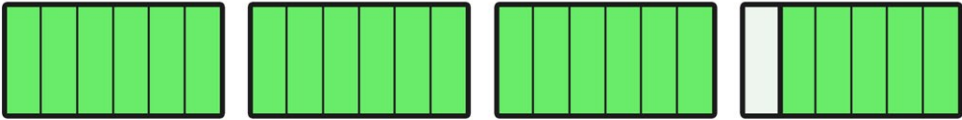
b. A teacher asks 2 children to sort 73 tennis balls into baskets of 10 balls, filling the baskets where possible. Express how the baskets are filled using a mixed number.  $7 \frac{3}{10}$

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 pizzas 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 **Answers**

4. 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.	$\frac{23}{6}$		$3\frac{5}{6}$