

# Improper Fractions

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) $\frac{22}{3} =$ _____  | f) $\frac{14}{5} =$ _____  | k) $\frac{23}{10} =$ _____ |
| b) $\frac{5}{2} =$ _____   | g) $\frac{16}{3} =$ _____  | l) $\frac{19}{4} =$ _____  |
| c) $\frac{21}{6} =$ _____  | h) $\frac{17}{8} =$ _____  | m) $\frac{19}{7} =$ _____  |
| d) $\frac{34}{10} =$ _____ | i) $\frac{22}{9} =$ _____  | n) $\frac{21}{5} =$ _____  |
| e) $\frac{31}{4} =$ _____  | j) $\frac{27}{12} =$ _____ | o) $\frac{30}{6} =$ _____  |

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

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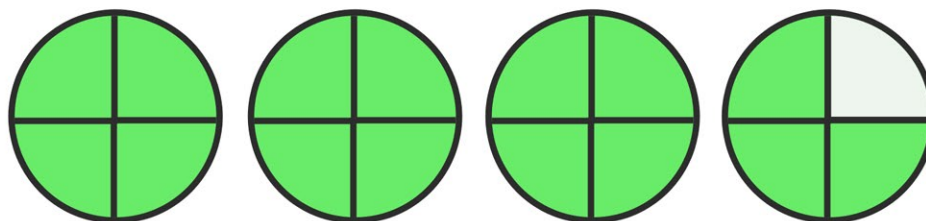
3) Write the improper fractions and mixed numbers represented by the shapes below.

**Improper Fraction**

**Mixed Number**

a)

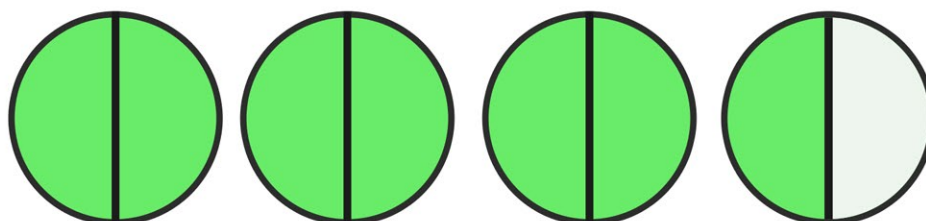
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b)

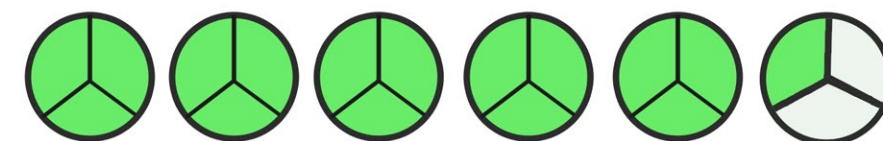
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c)

\_\_\_\_\_



\_\_\_\_\_

d)

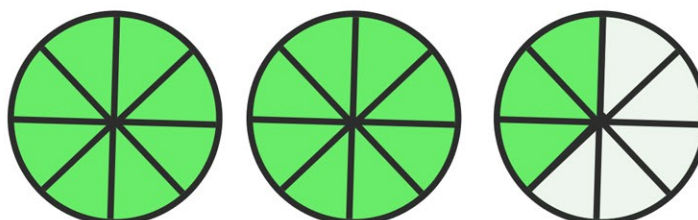
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e)

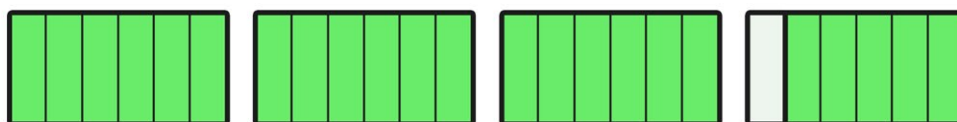
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f)

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