

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.

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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.	$\frac{7}{2}$		$3 \frac{1}{2}$
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c.	$\frac{16}{3}$		$5 \frac{1}{3}$
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d.	$\frac{13}{5}$		$2 \frac{3}{5}$
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e.	$\frac{19}{8}$		$2 \frac{3}{8}$
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f.	$\frac{23}{6}$		$3 \frac{5}{6}$
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