

Improper Fractions Answers

1. Circle 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) $\frac{14}{5} = 2 \frac{4}{5}$ c) $\frac{23}{10} = 2 \frac{3}{10}$ d) $\frac{34}{10} = 3 \frac{4}{10}$ e) $\frac{21}{5} = 4 \frac{1}{5}$

f) $\frac{5}{2} = 2 \frac{1}{2}$ g) $\frac{16}{3} = 5 \frac{1}{3}$ h) $\frac{19}{4} = 4 \frac{3}{4}$ i) $\frac{31}{4} = 7 \frac{3}{4}$ j) $\frac{30}{6} = 5$

k) $\frac{21}{6} = 3 \frac{1}{2}$ l) $\frac{17}{8} = 2 \frac{1}{8}$ m) $\frac{19}{7} = 2 \frac{5}{7}$ n) $\frac{22}{9} = 2 \frac{4}{9}$ o) $\frac{27}{12} = 2 \frac{3}{12}$

3. Twenty-seven children sit at tables of 6, filling the tables where possible.

Express how many tables are filled using a mixed number.

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

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

$7 \frac{3}{10}$

5. A pizza truck 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 the day he has 9 slices. How many pizzas does he have left?

$2 \frac{1}{4}$

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

Answers will vary

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7. Write the proper fractions and mixed numbers represented by the shapes below.

Improper
Fraction

Mixed
Number

