

## IMPROPER FRACTIONS TO MIXED NUMBERS - A

ANSWERS - PAGE 1

IMPROPER FRACTIONS ARE WHEN THE NUMERATOR (TOP NUMBER) IS BIGGER OR EQUAL TO THE DENOMINATOR.

MIXED NUMBERS HAVE A WHOLE NUMBER AND A FRACTION. THINK OF MIXING SOMETHING UP.

PUSH OVER TO TURN INTO A LONG DIVISION PROBLEM.

HOW MANY 5's GO INTO 34 WITHOUT GOING OVER?  
6 X 5 = 30, ANSWER: 6.

$$\frac{34}{5} \rightarrow \frac{34}{5} \rightarrow 5 \overline{)34} \Rightarrow \begin{array}{r} 6 \\ 5 \overline{)34} \\ - 30 \\ \hline 4 \end{array}$$

← WHOLE NUMBER      ← DO NOT CHANGE THE DENOMINATOR (BOTTOM NUMBER).      ← PIECES STILL LEFT

$\frac{34}{5} = 6 \frac{4}{5}$

WRITE A MIXED NUMBER FOR EACH IMPROPER FRACTION.

1.  $\frac{17}{4} = \underline{4 \frac{1}{4}}$     2.  $\frac{9}{2} = \underline{4 \frac{1}{2}}$     3.  $\frac{13}{3} = \underline{4 \frac{1}{3}}$     4.  $\frac{10}{5} = \underline{2}$
5.  $\frac{13}{6} = \underline{2 \frac{1}{6}}$     6.  $\frac{5}{1} = \underline{5}$     7.  $\frac{7}{2} = \underline{3 \frac{1}{2}}$     8.  $\frac{15}{7} = \underline{2 \frac{1}{7}}$
9.  $\frac{8}{3} = \underline{2 \frac{2}{3}}$     10.  $\frac{19}{5} = \underline{3 \frac{4}{5}}$     11.  $\frac{21}{4} = \underline{5 \frac{1}{4}}$     12.  $\frac{10}{3} = \underline{3 \frac{1}{3}}$
13.  $\frac{17}{8} = \underline{2 \frac{1}{8}}$     14.  $\frac{23}{7} = \underline{3 \frac{2}{7}}$     15.  $\frac{10}{9} = \underline{1 \frac{1}{9}}$     16.  $\frac{13}{4} = \underline{3 \frac{1}{4}}$
17.  $\frac{6}{2} = \underline{3 \frac{1}{2}}$     18.  $\frac{25}{6} = \underline{4 \frac{1}{6}}$     19.  $\frac{31}{5} = \underline{6 \frac{1}{5}}$     20.  $\frac{12}{3} = \underline{4}$
21.  $\frac{20}{3} = \underline{6 \frac{2}{3}}$     22.  $\frac{9}{4} = \underline{2 \frac{1}{4}}$     23.  $\frac{26}{5} = \underline{5 \frac{1}{5}}$     24.  $\frac{31}{10} = \underline{3 \frac{1}{10}}$
25.  $\frac{22}{2} = \underline{11}$     26.  $\frac{35}{11} = \underline{3 \frac{2}{11}}$     27.  $\frac{19}{3} = \underline{6 \frac{1}{3}}$     28.  $\frac{29}{12} = \underline{2 \frac{5}{12}}$

## IMPROPER FRACTIONS TO MIXED NUMBERS - B

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IMPROPER FRACTIONS ARE WHEN THE NUMERATOR (TOP NUMBER) IS BIGGER OR EQUAL TO THE DENOMINATOR.

MIXED NUMBERS HAVE A WHOLE NUMBER AND A FRACTION. THINK OF MIXING SOMETHING UP.

PUSH OVER TO TURN INTO A LONG DIVISION PROBLEM.

HOW MANY 7's GO INTO 65 WITHOUT GOING OVER?  
9 X 7 = 63, ANSWER: 9.

$$\frac{65}{7} \rightarrow \frac{65}{7} \rightarrow 7 \overline{)65} \Rightarrow \begin{array}{r} 9 \\ 7 \overline{)65} \\ - 63 \\ \hline 2 \end{array}$$

← WHOLE NUMBER      ← DO NOT CHANGE THE DENOMINATOR (BOTTOM NUMBER).      ← PIECES STILL LEFT

$\frac{65}{7} = 9 \frac{2}{7}$

WRITE A MIXED NUMBER FOR EACH IMPROPER FRACTION.

1.  $\frac{39}{5} = \underline{7 \frac{4}{5}}$     2.  $\frac{41}{10} = \underline{4 \frac{1}{10}}$     3.  $\frac{59}{8} = \underline{7 \frac{3}{8}}$     4.  $\frac{24}{2} = \underline{12}$
5.  $\frac{53}{12} = \underline{4 \frac{5}{12}}$     6.  $\frac{67}{7} = \underline{9 \frac{4}{7}}$     7.  $\frac{45}{11} = \underline{4 \frac{1}{11}}$     8.  $\frac{100}{9} = \underline{11 \frac{1}{9}}$
9.  $\frac{55}{4} = \underline{13 \frac{3}{4}}$     10.  $\frac{47}{6} = \underline{7 \frac{5}{6}}$     11.  $\frac{107}{13} = \underline{8 \frac{3}{13}}$     12.  $\frac{61}{7} = \underline{8 \frac{5}{7}}$
13.  $\frac{36}{6} = \underline{6}$     14.  $\frac{83}{9} = \underline{9 \frac{2}{9}}$     15.  $\frac{57}{10} = \underline{5 \frac{7}{10}}$     16.  $\frac{43}{2} = \underline{21 \frac{1}{2}}$
17.  $\frac{71}{5} = \underline{14 \frac{1}{5}}$     18.  $\frac{79}{13} = \underline{6 \frac{1}{13}}$     19.  $\frac{73}{8} = \underline{9 \frac{1}{8}}$     20.  $\frac{127}{10} = \underline{12 \frac{7}{10}}$
21.  $\frac{42}{3} = \underline{14}$     22.  $\frac{122}{11} = \underline{11 \frac{1}{11}}$     23.  $\frac{65}{6} = \underline{10 \frac{5}{6}}$     24.  $\frac{49}{8} = \underline{6 \frac{1}{8}}$
25.  $\frac{94}{13} = \underline{7 \frac{3}{13}}$     26.  $\frac{117}{9} = \underline{13}$     27.  $\frac{63}{3} = \underline{21}$     28.  $\frac{149}{12} = \underline{12 \frac{5}{12}}$

ANSWERS FOR BOTH PAGES