

The Primary Stage of Grades (4-5)
2022-2023

Second Semester

Name: Key

Subject: Math

Date: / /

Class: Grade 4CP(C,D,E,F&G)

Extra Practice

Objective: Change from mixed number to improper fraction.

numerator gets Larger (x, +)

$$15 + 2 = 17$$

$$\begin{array}{|c|} \hline 3 \\ \hline \end{array} \frac{\begin{array}{|c|} \hline 2 \\ \hline \end{array}}{\begin{array}{|c|} \hline 5 \\ \hline \end{array}} = \frac{\begin{array}{|c|} \hline 17 \\ \hline \end{array}}{\begin{array}{|c|} \hline 5 \\ \hline \end{array}}$$

Show your work

Denominator stays the same.

a) $28 +$

$$\begin{array}{|c|} \hline 4 \\ \hline \end{array} \frac{\begin{array}{|c|} \hline 3 \\ \hline \end{array}}{\begin{array}{|c|} \hline 7 \\ \hline \end{array}} = \frac{\begin{array}{|c|} \hline 31 \\ \hline \end{array}}{\begin{array}{|c|} \hline 7 \\ \hline \end{array}}$$

b) $24 +$

$$\begin{array}{|c|} \hline 3 \\ \hline \end{array} \frac{\begin{array}{|c|} \hline 3 \\ \hline \end{array}}{\begin{array}{|c|} \hline 8 \\ \hline \end{array}} = \frac{\begin{array}{|c|} \hline 27 \\ \hline \end{array}}{\begin{array}{|c|} \hline 8 \\ \hline \end{array}}$$

c) $30 +$

$$\begin{array}{|c|} \hline 5 \\ \hline \end{array} \frac{\begin{array}{|c|} \hline 1 \\ \hline \end{array}}{\begin{array}{|c|} \hline 6 \\ \hline \end{array}} = \frac{\begin{array}{|c|} \hline 31 \\ \hline \end{array}}{\begin{array}{|c|} \hline 6 \\ \hline \end{array}}$$

d) $54 +$

$$\begin{array}{|c|} \hline 6 \\ \hline \end{array} \frac{\begin{array}{|c|} \hline 2 \\ \hline \end{array}}{\begin{array}{|c|} \hline 9 \\ \hline \end{array}} = \frac{\begin{array}{|c|} \hline 56 \\ \hline \end{array}}{\begin{array}{|c|} \hline 9 \\ \hline \end{array}}$$

e) $18 +$

$$\begin{array}{|c|} \hline 6 \\ \hline \end{array} \frac{\begin{array}{|c|} \hline 2 \\ \hline \end{array}}{\begin{array}{|c|} \hline 3 \\ \hline \end{array}} = \frac{\begin{array}{|c|} \hline 20 \\ \hline \end{array}}{\begin{array}{|c|} \hline 3 \\ \hline \end{array}}$$

f) $63 + 5$

$$\begin{array}{|c|} \hline 7 \\ \hline \end{array} \frac{\begin{array}{|c|} \hline 5 \\ \hline \end{array}}{\begin{array}{|c|} \hline 9 \\ \hline \end{array}} = \frac{\begin{array}{|c|} \hline 68 \\ \hline \end{array}}{\begin{array}{|c|} \hline 9 \\ \hline \end{array}}$$

numerator gets smaller (Use $\div, -$)
 Change from improper fraction to a mixed number.

$$\frac{17}{3} = 5 \frac{2}{3}$$

17 - 15 = 2

$$\begin{array}{r} \times 5 \\ 3 \overline{) 17} \\ \underline{15} \\ 2 \end{array}$$

what times 3 close to 17 answer is 5 (because $3 \times 5 = 15$) Then subtract 15 from 17 you'll get 2 Final answer is 3 whole and two out of three (two thirds)

a) $\frac{29}{9} = 3 \frac{2}{9}$

b) $\frac{37}{5} = 7 \frac{2}{5}$

c) $\frac{59}{8} = 7 \frac{3}{8}$

d) $\frac{82}{10} = 8 \frac{2}{10} = 8 \frac{1}{5}$

e) $\frac{66}{7} = 9 \frac{3}{7}$

f) $\frac{49}{6} = 8 \frac{1}{6}$

g) $\frac{75}{8} = 9 \frac{3}{8}$

h) $\frac{87}{9} = 9 \frac{6}{9} = 9 \frac{2}{3}$

