Improve Fractions & Mixed Numbers

Write each mixed number as an improper fraction

a. \( \frac{2}{4} = \)

b. \( \frac{8}{3} = \)

c. \( \frac{5}{6} = \)

d. \( \frac{4}{2} = \)

e. \( \frac{5}{3} = \)

f. \( \frac{10}{7} = \)

g. \( \frac{9}{4} = \)

h. \( \frac{2}{5} = \)

i. \( \frac{7}{6} = \)

Write each improper fraction as a mixed number.

m. \( \frac{7}{5} = \)

n. \( \frac{9}{4} = \)

o. \( \frac{5}{3} = \)

p. \( \frac{22}{9} = \)

q. \( \frac{13}{7} = \)

r. \( \frac{9}{2} = \)

s. \( \frac{17}{9} = \)

t. \( \frac{7}{3} = \)

u. \( \frac{17}{7} = \)

v. \( \frac{10}{3} = \)

w. Mrs. Jones bakes pies. She always cuts each pie into 8 slices. There are 13 slices left on the counter. Write the number of pies on the counter as a mixed number and as an improper fraction.

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ANSWER KEY

Improper Fractions & Mixed Numbers

Write each mixed number as an improper fraction

a. \(2 \frac{1}{4} = \frac{9}{4}\)  
b. \(8 \frac{3}{8} = \frac{67}{8}\)  
c. \(2 \frac{5}{6} = \frac{17}{6}\)  
d. \(4 \frac{1}{2} = \frac{9}{2}\)

e. \(5 \frac{1}{3} = \frac{16}{3}\)  
f. \(10 \frac{7}{8} = \frac{127}{8}\)  
g. \(9 \frac{1}{4} = \frac{37}{4}\)  
h. \(2 \frac{5}{6} = \frac{16}{6}\)

Write each improper fraction as a mixed number.

m. \(\frac{7}{5} = 1 \frac{2}{5}\)  
n. \(\frac{9}{4} = 2 \frac{1}{4}\)  
o. \(\frac{5}{3} = 1 \frac{2}{3}\)  
p. \(\frac{22}{9} = 2 \frac{4}{9}\)

q. \(\frac{13}{7} = 1 \frac{6}{7}\)  
r. \(\frac{9}{2} = 4 \frac{1}{2}\)  
s. \(\frac{17}{9} = 1 \frac{8}{9}\)

t. \(\frac{7}{3} = 2 \frac{1}{3}\)  
u. \(\frac{17}{7} = 2 \frac{3}{7}\)  
v. \(\frac{10}{3} = 3 \frac{1}{3}\)

w. Mrs. Jones bakes pies. She always cuts each pie into 8 slices. There are 12 slices left on the counter. Write the number of pies on the counter as a mixed number and as an improper fraction.

\(\frac{13}{8}\) pies = 1 \(\frac{5}{8}\) pies