Converting between improper fractions & mixed numbers

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Name:

1) Convert the following improper fractions to mixed numbers: Give your answers in their **simplest forms**

a) $\frac{17}{10}$ $1\frac{7}{10}$

b) $\frac{32}{25}$ $1\frac{7}{25}$

c) $\frac{6}{5}$ $1\frac{1}{5}$

d) $\frac{8}{5}$ $1\frac{3}{5}$

e) $\frac{7}{4}$ $1\frac{3}{4}$

f) $\frac{3}{2}$ $1\frac{1}{2}$

g) $\frac{15}{7}$ $2\frac{1}{7}$

h) $\frac{18}{5}$ $3\frac{3}{5}$

i) $\frac{50}{35}$ $1\frac{3}{7}$

j) $\frac{72}{40}$ $1\frac{4}{5}$

k) $\frac{35}{15}$ $2\frac{1}{3}$

l) $\frac{8}{3}$ $2\frac{2}{3}$

m) $\frac{34}{11}$ $3\frac{1}{11}$

n) $\frac{13}{9}$ $1\frac{4}{9}$

o) $\frac{24}{9}$ $2\frac{2}{3}$

2) Convert the following mixed numbers to improper fractions.

a) $1\frac{5}{8}$ $\frac{13}{8}$

b) $1\frac{3}{4}$ $\frac{7}{4}$

c) $1\frac{1}{3}$ $\frac{4}{3}$

d) $2\frac{1}{5}$ $\frac{11}{5}$

e) $3\frac{2}{6}$ $\frac{20}{6}$

f) $2\frac{4}{7}$ $\frac{18}{7}$

g) $3\frac{3}{8}$ $\frac{27}{8}$

h) $5\frac{3}{7}$ $\frac{38}{7}$

i) $3\frac{8}{9}$ $\frac{35}{9}$

j) $4\frac{5}{11}$ $\frac{49}{11}$

k) $3\frac{4}{11}$ $\frac{37}{11}$

l) $8\frac{5}{7}$ $\frac{61}{7}$

m) $9\frac{5}{6}$ $\frac{59}{6}$

n) $7\frac{4}{7}$ $\frac{53}{7}$

o) $5\frac{1}{6}$ $\frac{31}{6}$

3) Match up the improper fractions and mixed numbers with their equivalents.
Not all the fractions will match up.

$1\frac{9}{10}$	$2\frac{1}{2}$	$3\frac{2}{5}$	$1\frac{1}{5}$	$2\frac{1}{4}$	$3\frac{1}{20}$	$2\frac{3}{5}$	$3\frac{3}{4}$	$5\frac{3}{10}$
$\frac{17}{5}$	$\frac{53}{10}$	$\frac{6}{5}$	$\frac{19}{10}$	$\frac{61}{10}$	$\frac{13}{5}$	$\frac{5}{2}$	$\frac{9}{4}$	$\frac{15}{4}$

Exam questions:

Convert $\frac{54}{10}$ to a mixed number.

Give your answer in its simplest form

$5\frac{2}{5}$