

Converting mixed fractions to improper fractions



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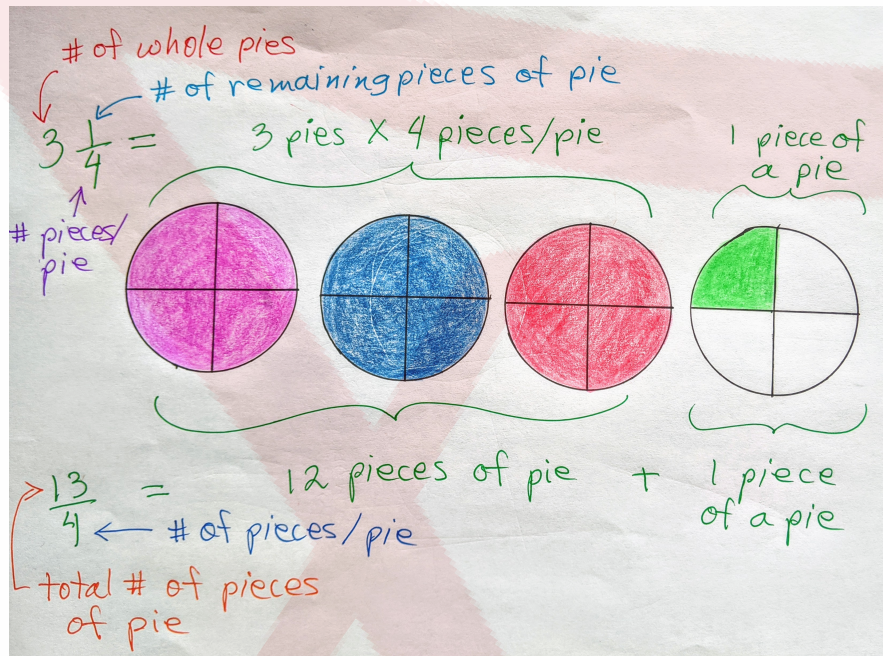
Let's consider an example.

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

3 = # of whole pies cut into 4 pieces

1 = # of pieces remaining

4 = # of pieces of pie is cut into



$$3\frac{1}{4} = \frac{13}{4} = \frac{3 \times 4 + 1 = 12 + 1}{4}$$

Example

$$6\frac{3}{5} = \frac{33}{5}$$

where,

$$\text{new numerator} = (6 \times 5) + 3 = 30 + 3 = 33$$

Convert the following mixed fractions to improper fractions.

a) $4\frac{3}{4}$

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

c) $6\frac{5}{7}$

d) $2\frac{5}{10}$

e) $4\frac{4}{9}$

f) $1\frac{5}{8}$

g) $2\frac{3}{4}$

h) $5\frac{1}{2}$

i) $6\frac{2}{3}$

j) $3\frac{2}{5}$

k) $8\frac{3}{5}$

l) $9\frac{3}{6}$

m) $10\frac{4}{7}$

n) $7\frac{5}{4}$

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

p) $6\frac{1}{2}$

q) $5\frac{4}{9}$

r) $4\frac{5}{8}$

s) $2\frac{7}{10}$

t) $3\frac{1}{3}$