

Fractions & Decimals

Mixed Fractions With Tenths & Hundredths

Changing Mixed Fractions to Decimals:

- The whole number is written to the left of the decimal point.
- The fraction is written to the right of the decimal point.

$$3\frac{1}{10} = 3.1$$

- if there is one zero
you must have one
number after the
decimal point.

$$3\frac{1}{100} = 3.01$$

- if there are two zeros
you must have two
numbers after the
decimal point.

Change these fractions to decimals:

a) $8\frac{5}{10} =$ _____ b) $9\frac{2}{10} =$ _____ c) $3\frac{8}{10} =$ _____ d) $9\frac{5}{10} =$ _____ e) $2\frac{7}{10} =$ _____

f) $2\frac{1}{10} =$ _____ g) $5\frac{3}{10} =$ _____ h) $7\frac{6}{10} =$ _____ i) $1\frac{4}{10} =$ _____ j) $7\frac{9}{10} =$ _____

Change these fractions to decimals:

a) $3\frac{75}{100} =$ _____ b) $9\frac{28}{100} =$ _____ c) $5\frac{95}{100} =$ _____ d) $1\frac{16}{100} =$ _____ e) $6\frac{51}{100} =$ _____

f) $1\frac{1}{100} =$ _____ g) $8\frac{8}{100} =$ _____ h) $7\frac{4}{100} =$ _____ i) $4\frac{3}{100} =$ _____ j) $5\frac{7}{100} =$ _____

Change these fractions to decimals:

example: $28\frac{6}{100} = 28.06$ (28 is the whole number, write 28 to the left of the decimal point.
6 hundredths, write 06 to the right of the decimal point.)

a) $97\frac{27}{100} =$ _____ b) $5\frac{70}{100} =$ _____ c) $75\frac{46}{100} =$ _____ d) $3\frac{1}{100} =$ _____

e) $1\frac{80}{100} =$ _____ f) $89\frac{53}{100} =$ _____ g) $9\frac{87}{100} =$ _____ h) $\frac{60}{100} =$ _____

i) $17\frac{3}{100} =$ _____ j) $\frac{90}{100} =$ _____ k) $24\frac{98}{100} =$ _____ l) $65\frac{23}{100} =$ _____

m) $53\frac{40}{100} =$ _____ n) $21\frac{47}{100} =$ _____ o) $97\frac{4}{100} =$ _____ p) $15\frac{20}{100} =$ _____