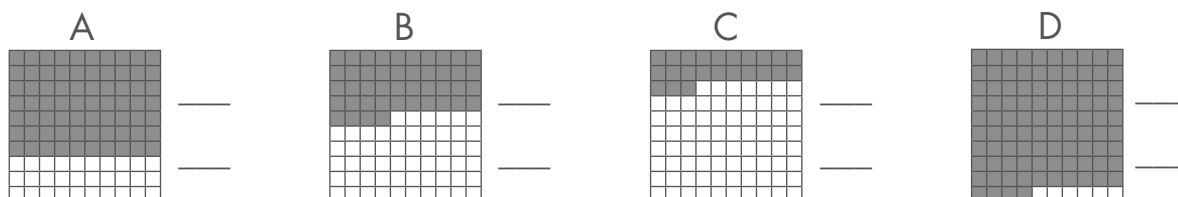


# Decimals part I

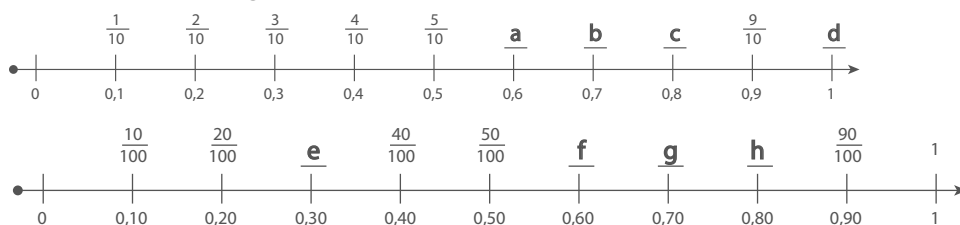
- 1 Write the shaded part in each drawing below as a common fraction, then as a decimal fraction.



- 2 Write the shaded part in each drawing below as a common fraction, then as a decimal fraction.



- 3 Fill in the missing values on the number lines below.



**a** \_\_\_\_      **b** \_\_\_\_      **c** \_\_\_\_      **d** \_\_\_\_

**e** \_\_\_\_      **f** \_\_\_\_      **g** \_\_\_\_      **h** \_\_\_\_

- 4 Write down the tenth or hundredth which is the equivalent of each decimal fraction or common fraction below.

**a**  $0,5 = \frac{\quad}{100}$       **b**  $0,8 = \frac{\quad}{100}$       **c**  $0,60 = \frac{\quad}{100}$

**d**  $\frac{90}{100} = 0, \_$       **e**  $\frac{2}{10} = 0, \_$       **f**  $0,03 = \frac{\quad}{100}$

- 5 Use the number lines in question 3 to show equivalent fractions.

**a**  $\frac{7}{10} = \frac{\quad}{100}$

**b**  $\frac{80}{100} = \frac{\quad}{10}$

**c**  $\frac{3}{10} = \frac{\quad}{100}$

**d**  $\frac{90}{100} = \frac{\quad}{10}$

- 6 Complete.

**a**  $0,75 = \frac{7}{10} + \frac{5}{100} = 0,7 + \_$

**b**  $0,37 = \frac{\quad}{10} + \frac{7}{100} = \_ + \_$

**c**  $0,25 = \_ + \_ = 0, \_ + 0, \_$

**d**  $\_ = \frac{3}{10} + \frac{5}{100} = 0,3 + 0,05$

- 7 Write the numbers below in decimal form.

**a** four-tenths: \_\_\_\_

**b** fifty-eight hundredths: \_\_\_\_

**c** thirty-nine hundredths: \_\_\_\_

**d** one-tenth: \_\_\_\_

# Decimals part 2: Money and measurements

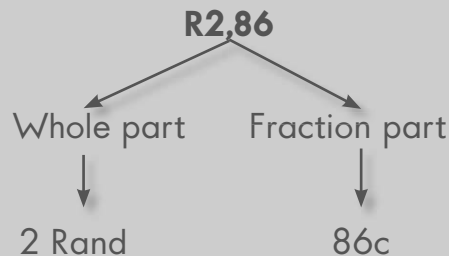
1 Write each decimal number in words.

**Examples:** 8,7 is equal to eight and seven-tenths.

11,39 is equal to eleven and thirty-nine hundredths

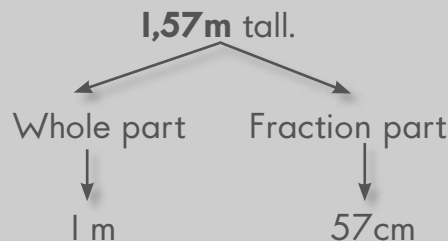
|   | Number | Words |
|---|--------|-------|
| a | 12,6   |       |
| b | 4,78   |       |
| c | 0,30   |       |
| d | 9,07   |       |
| e | 0,01   |       |

Decimals are commonly used when we write out amounts of money.



Decimals are also used to measure accurately. Look at the example below.

The height of a person:



2 What is the place value of the digit 8 in each decimal number?

a 118,67 \_\_\_\_\_

b 0,84 \_\_\_\_\_

c 0,08 \_\_\_\_\_

d 286,37 \_\_\_\_\_

e 895, 27 \_\_\_\_\_

f 80,07 \_\_\_\_\_

3 Write the place values of the underlined numbers.

a R139,63 \_\_\_\_\_

b 18,63 m \_\_\_\_\_

c 57,43 kg \_\_\_\_\_

d 2,6 km \_\_\_\_\_

e R349,99 \_\_\_\_\_

f R786,23 \_\_\_\_\_

4 Write each amount in cents.

a R1,00 \_\_\_\_\_

b R7,28 \_\_\_\_\_

c R6,07 \_\_\_\_\_

d R0,82 \_\_\_\_\_

5 Write each amount in Rands and cents.

a 919c \_\_\_\_\_

b 702c \_\_\_\_\_

c 19c \_\_\_\_\_

d 2c \_\_\_\_\_