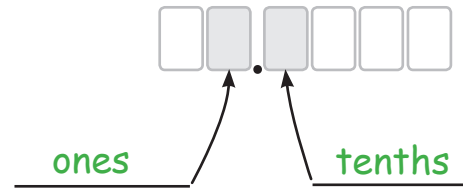


Decimal Place Value

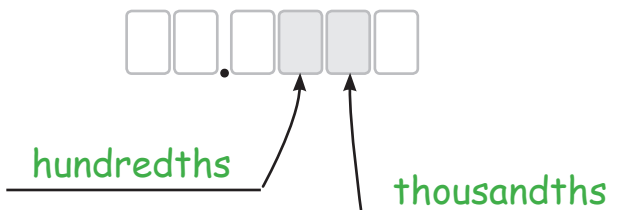
1 Fill in the blank.

The symbol that separates the whole number places from the decimal places is called the decimal point.

2 Name the number places:



3 Name the number places:



4 What is the place value of the digit '3' in this number?

1.375

because the 3 is in the 'tenths place'
it represents three tenths ($3 \times 1/10$)
so its place value is:

$$\frac{3}{10}$$

5 What is the place value of the digit '7' in this number?

25.07

because the 7 is in the 'hundredths place'
it represents seven hundredths ($7 \times 1/100$)
so its place value is:

$$\frac{7}{100}$$

6 What is the place value of the digit '8' in this number?

0.2489

because the 8 is in the 'thousandths place'
it represents eight thousandths ($8 \times 1/1000$)
so its place value is:

$$\frac{8}{1000}$$

7 Write this number in expanded form:

25.36

$$20 + 5 + \frac{3}{10} + \frac{6}{100}$$

8 Write this number in expanded form:

7.425

$$7 + \frac{4}{10} + \frac{2}{100} + \frac{5}{1000}$$