

Decimal Fractions

NAME: _____

A decimal is a numeral in the decimal number system.

- A decimal can represent a fraction.

For example: $\frac{3}{10}$ as a decimal is 0.3

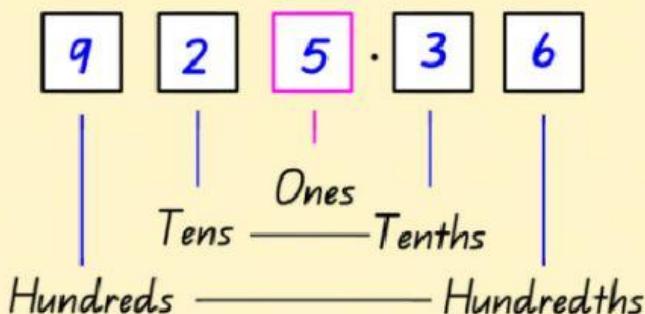
- A decimal can represent a whole number and a fraction.

For example: $4\frac{3}{10}$ as a decimal is 4.3

0.3 and 4.3 are both decimals.

Look at the number 925.36

Can you see the symmetrical pattern to the place names around the ones place?



The decimal point separates the whole numbers from the fractional numbers.

Write these numbers in the Place Value Chart.

How is this place value chart different to the one in Task 1? Briefly explain.

| Thousands | | | Ones | | | Parts of one | |
|---|---|---|---|---|---|---|---|
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a. fifty-two and five hundredths

b. thirteen and twenty-five

c. two thousand, one hundred and forty-six,
and seven tenths

d. one hundred thousand, four hundred and five and twenty-five hundredths

e. two hundred and fifty-six thousand and

f. fifteen thousand, four hundred and forty,

Write these numbers as a decimal number.

Environ Biol Fish (2007) 79:101–111

This can then add and subtract from one another.

Twenty thousand and fifteen, and eight hundred the

One hundred and eight, and eighteen hundredths

Environ Monit Assess (2008) 140:103–113

Five hundred and fifty-six thousand, four hundred and six, and five tenths