



Maths Decimals

Y4

Knowledge

- Recognise tenths and hundredths
- Tenths as decimals
- Tenths on a place value grid
- Tenths on a number line
- Halves and quarters
- Write decimals

Skills

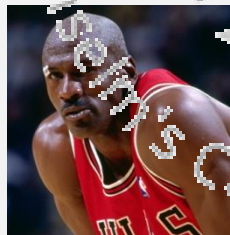
- Divide 1-digit by 10
- Divide 2-digits by 10
- Hundredths
- Hundredths on a place value grid
- Divide 1 or 2-digits by 100
- Make a whole
- Compare decimals
- Order decimals
- Round decimals

Vocabulary

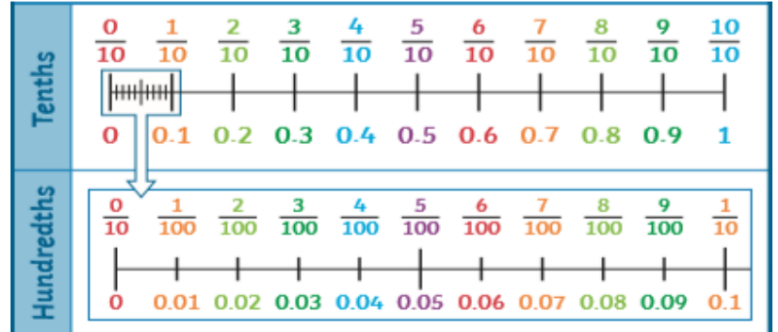
Tenths, hundredths, equivalent, part-whole model, rounding, place value, decimal point, recognise, compare, order, halves, quarters, number line, convert

Inspirational Mathematician Michael Jordan (1963-present)

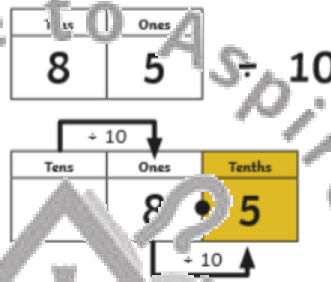
Often described as the greatest ever NBA player, Michael Jordan, perhaps more well known for his basketball ability, studied Mathematics in college. Jordan excelled in Mathematics and his enjoyment for the subject was reflected in his class choices. Lucky he was good with numbers, as Michael Jordan happened to be the highest paid earner and one of only 2 players ever (Kobe Bryant) to earn over \$30 million in one year!



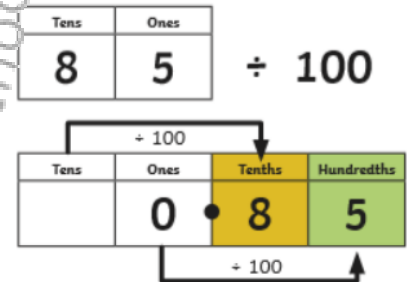
Tenths and Hundredths



Dividing by 10

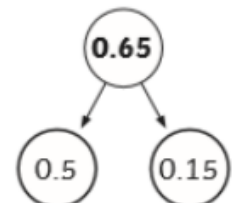
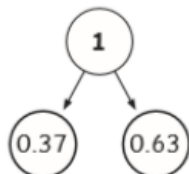
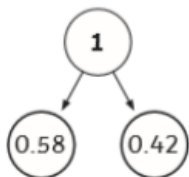


Dividing by 100

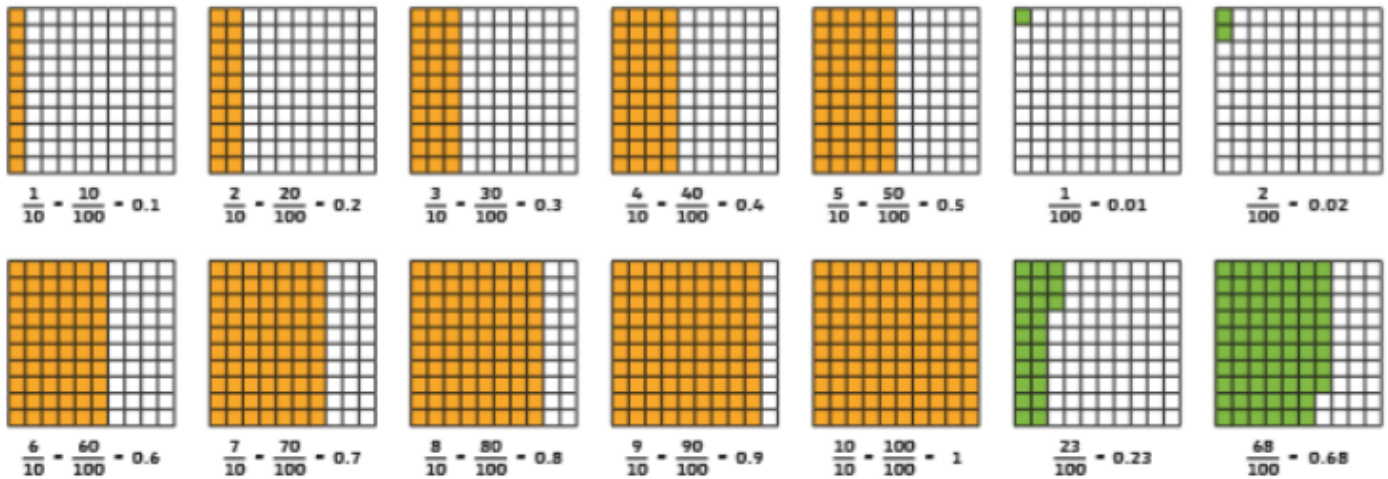


Partitioning Tenths & Hundredths

Make a Whole



Tenth and Hundredth Decimal Equivalents



Comparing Decimals

When comparing decimals remember to use the greater than (>), less than (<) and equals (=) symbols.

$$0.4 < 0.9$$

$$0.25 < 0.47$$

$$0.38 > 0.17$$

$$1.42 < 3.65$$

$$7.9 > 7.85$$

$$4.67 < 4.7$$

Decimal & Fraction Equivalents




$$= \frac{1}{2} = 0.5$$



$$= \frac{1}{4} = 0.25$$

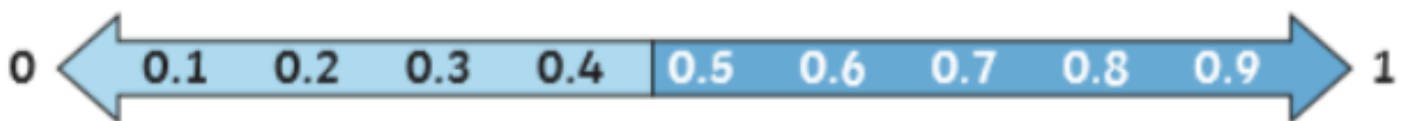


$$= \frac{3}{4} = 0.75$$



$$= \frac{1}{10} = 0.1$$

Rounding Decimals



If the tenths digit is **1, 2, 3 or 4**, we round **down** to the nearest whole number.

If the tenths digit is **5, 6, 7, 8 or 9**, we round **up** to the nearest whole number.