

YEAR 2

MATHS CURRICULUM



New Learning

Prior Learning

PLACE VALUE

Count in steps of 2, 3 and 5 from 0 and in 10s from any no. forwards and backwards.

Count in multiples of 2, 5 and 10.

Know the value of each digit in 2 digit numbers.

Find 10 more or 10 less from any given number.

Begin to recognise place value in numbers beyond 20.

Know the symbols for inequality and equal <, > and =.

Know the language of equal to, more than, less than, fewer, most, least.

FRACTIONS

 $\frac{2}{4}$ = one half

Recognise 34 and 1/3

Recognise ½ as 2 equal parts

Recognise 1/4 as 4 equal parts

KNOW IT

MEASURES

100 cm = 1 metre

100 pence = 1 pound

60 minutes = 1 hour

24 hours = 1 day

7 days = 1 week

12 months = 1 year

YEAR 2

CALCULATIONS

Fluent recall of number bonds within and to 20.

Know number bonds within and to 20

Know 2, 5 and 10 times tables

Know division facts for 2, 5 & 10 times tables

Know doubles and halves to 20.

Know doubles and halves to 10.

GEOMETRY

Right angle = quarter turn

Know whole ½, ¼, and ¾ turns.

Know the direction of clockwise and anticlockwise

Identify pentagons, hexagons and octagons.

Identify rectangles, squares, circles and triangles.

Identify prisms and cones.

Identify cuboids, cubes, pyramids and spheres.

TEACH IT: NUMBER & PLACE VALUE



KEY OBJECTIVES

POSSIBLE STEPS TO SUCCESS

KEY TERMINOLOGY

- Count in steps of 2,3 and 5 from 0 and in 10s from any number forwards and backwards.
- Count to and across 100 forwards and backwards beginning with 0 or 1 or from any given number.
- Count in multiples of two, fives and tens.
- Given a number, identify one more and one less.
- Recognise the place value of each digit in a two-digit number (10s and 1s).
- Count, read and write numbers to 100 in numerals.
- Compare and order numbers from 0 up to 100 using >, < and = signs.
- Use the language of equal to, more than, less than, most and least.
- Read and write numbers to at least 100 in numerals and words.
- Read and write numbers from 1 to 20 in numerals and words.
- Identify, represent and estimate numbers using different representations, including the number line.

Dienes

Place Value Counters

Estimate



 Identify and represent numbers using objects and pictorial representations, including the number line.

Count in steps of 2, 3 and 5 from 0...

- ⇒ Count forwards to 100 in 1s.
- ⇒ Count back from 100 in 1s.
- \Rightarrow Count in steps of 2s, 5s and 10s from 0.
- ⇒ Count in steps of 10 from any number.
- ⇒ Count in steps of 3 using concrete and pictorial representations.
- ⇒ Count forwards and backwards in steps of 3.

Recognise the place value of each digit...

- \Rightarrow Read numbers to 100.
- ⇒ Partition 2-digit numbers using concrete representations into 10s and 1s.
- ⇒ Partition 2-digit numbers using pictorial representations into 10s and 1s (part whole models and place value charts).

Compare and order numbers from 0 up to 100 using...

- ⇒ Use the language of greater than, less than, equal to, smallest and greatest.
- \Rightarrow Know signs >, < and =.
- ⇒ Use signs to compare two sets of concrete materials.
- \Rightarrow Use signs to compare two pictorial representations.
- \Rightarrow Use signs to compare two numbers.
- \Rightarrow Order objects from smallest to greatest and vice-versa.
- ⇒ Order numbers from smallest to greatest and vice-versa.

Identify, represent and estimate numbers using different representations...

- \Rightarrow Count objects to 100.
- ⇒ Represent numbers to 100 using a range of concrete materials.
- ⇒ Represent numbers to 100 using images.
- ⇒ Represent numbers to 100 using numerals and words.

'There are ten ones in a ten.'

STEM SENTENCES

- "There are one hundred ones in a hundred."
- 'There are ten tens in a hundred.'
- '98 is 98 ones.'

 '98 is 9 tens and 8 ones.'
- 'Zero is the digit 0, which stands for no amount.'
- 'The widest part of the < and
 sign always points to the larger number.'

- Represent
- Representation
- Value
- Sequence
- Identify
- Estimate/Approximate
- Compare
- Order
- Sign
- Smallest
- Greatest
- Forwards
- Backwards

COMMON MISCONCEPTIONS

- Not knowing to use 0 as a place holder when a column is empty.
- Knowing which of the symbols < , > means greater than and which less than.
 Not knowing the value of a digit e.g. '7 in 78 is worth 7.' instead of '7 in 79 is worth 70'.
- Thinking that numbers ending in 3 are multiples of 3.
- Inaccurate counting when crossing 10s boundaries e.g. 72, 71, 70, 79...

- ⇒ **Digit**-written numeral from 0-9 that forms part of a number.
- ⇒ **Partition** separating into parts.
- ⇒ **Multiple** product of one number multiplied by another number.
- ⇒ > means 'greater than' and < means 'less than' and = means 'equal to'
- ⇒ **Numeral**-a symbol or a group of symbols you use to show a number.

TEACH IT: ADDITION & SUBTRACTION



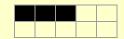
KEY OBJECTIVES

- Recall and use addition and subtraction facts to 20 fluently and derive and use related facts to 100.
- Represent and use number bonds and related subtraction facts within 20.
- Add and subtract numbers using concrete objects, pictorial representation and mentally including:
 - 2 digits and ones
 - 2 digits and tens
 - two, 2 digit numbers
 - three, 1 digit numbers.
- Add and subtract one-digit and two-digit numbers to 20, including zero.
- Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations.
- Use concrete objects and pictorial representations to solve missing number problems e.g. 7 = -9

POSSIBLE STEPS TO SUCCESS

Recall and use addition and subtraction facts...

- ⇒ Rapid recall of number bonds to 20.
- ⇒ Make links between practical calculations where the ones can be used to represent the tens e.g.



100 = 30 + 70

 \Rightarrow Make links between written calculations where the ones can be used to represent tens e.g. 5 + 4 = 9; 50 + 40 = 90 and 8-6 = 2; 80-60 = 20.

Add and subtract numbers using concrete... a 2-digit number and ones

- ⇒ add and subtract ones without bridging 10;
- ⇒ add and subtract ones with bridging (use a number line to count on in ones from the larger number).
- ⇒ use number bonds to add and subtract more efficiently when bridging through tens e.g. 17+5=17+3+2 and 22-7= 22-2-5.

a 2-digit number and tens

- ⇒ add and subtract 10 using concrete materials.
- ⇒ add and subtract 10 using 100 square, recognising how the ten digit changes.
- ⇒ add and subtract multiples of ten using concrete, then pictorial, then abstract methods.

Two, 2-digit numbers

- ⇒ add two 2-digit numbers using concrete materials in a place value chart without & then with an exchange.
- ⇒ Add two 2-digit numbers using numerals (in columns and number sentences).
- ⇒ Follow the above steps for subtracting two 2-digit numbers.
- ⇒ Use number bonds when adding three 1-digit e.g. 3+5+7=3+7+5.numbers.

STEM SENTENCES

- 'I know that 5+4=9 so I now that 5 tens
 + 4 tens = 9 tens so I know that
 50+40=90.'
- I know that 8-6=2 so I know that 8 tens—6 tens =2 tens so I know that 80-60=20.'
- If the total of the ones column is equal to 10 or more then I must exchange.'
- 'Addition can be done in any order.'
- 'Subtraction cannot be done in any order.'
- 'When adding or subtracting tens, the ones digit remains the same.'

- Mental
- Calculate
- Calculation

KEY

- Add
- Addition
- Sum
- Total
- Plus
- Altogether
- Subtract
- Subtraction
- Difference
- Fewer
- Less
- More
- · WIOIC
- Greater
- Minus
- Number bond

Takeaway

COMMON MISCONCEPTIONS

- Re-ordering a subtraction statement so you always take away from the greater digit instead of exchanging e.g.
 - 3 5
- 5 8 becomes
- 18
- 8 5
- Lining up columns correctly especially in terms of 2 digit 1 digit etc
- Knowledge of what 46-12 actually means e.g. 4-1 is actually 40-1.

- ⇒ **Efficient**-the quickest way to solve a calculation.
- ⇒ **Partition** splitting up a number into smaller numbers.
- ⇒ **Column**-an arrangement of objects or numbers in a vertical line, side by side.
- ⇒ **Row**-an arrangement of objects or numbers in a horizontal line, side by side.

New Learning

Prior Learning

POSSIBLE STEPS TO SUCCESS STEM SENTENCES KEY OBJECTIVES KEY TERMINOLOGY ⇒ Use sets of equal groups of objects for repeated Multiplication Recall and use multiplication and division facts for the 2, 5 and 'The groups are equal because addition. 10 multiplication tables, including recognising odd and even there are the same number of Division ⇒ Demonstrate commutativity e.g. through use of Multiply objects in each group.' numbers. arravs. Divide • 'The groups are unequal because • Make connections between arrays, number patterns and Calculate there are a different number of counting in 2s, 5s and 10s. Mental objects in each group.' Recall 2 x 4 is the same as 4 x 2 • Calculate mathematical statements for multiplication and Double • 'There are 2 + 2 + 2 so we can write ⇒ Make links between repeated addition and Half division within the multiplication tables and write them using multiplication through introduction of x sign to this as 2 x 3.' Efficient the multiplication (x), division (÷) and equals (=) signs. represent 'lots of' and 'multiplied by'. Multiple 'Factor times factor is equal to Use concrete, pictorial and abstract representations Groups of Calculate the answer to multiplication and division sums using product.' to find totals when counting in 2s, then in 5s and Lots of concrete objects, pictorial representations and arrays with the then in 10s. Times support of the teacher. ⇒ Know that the ÷ sign means 'divided by'. Repeated ⇒ Use concrete or pictorial representations to share Left and group when dividing by 2. • Show that multiplication of two numbers can be done in any Odd ⇒ Understand that odd numbers cannot be shared/ order (commutative) and division of one number by another Even grouped equally when dividing by 2. cannot. ⇒ Use concrete or pictorial representations to share and group when dividing by 5. ⇒ Use concrete or pictorial representations to share and group when dividing by 10. **PATTERNS COMMON MISCONCEPTIONS KEY VOCABULARY** • Writing/saying division statement in the wrong order. 2 times tables ⇒ **Factor**-a whole number that divides exactly into another All even: number. E.g. $5 \div 45$ instead of $45 \div 5$ Doubling. ⇒ **Product**– the result when two numbers are multiplied 5 times tables

• Not realising that multiplication is commutative e.g.

 6×5 is the same as 5×6 .

- Ends in 0 or 5;
- Half the 10 times table:
- Even multiples of 5 are also multiples of 10.

10 times tables

- Double the 5 times table:
- Always ends in 0;
- Always a multiple of 5.

- together.
- ⇒ **Equal**-the same amount.
- **Unequal**-different amounts.
- **Grouping-**dividing things into equal groups.
- ⇒ Sharing-splitting into equal parts.

TEACH IT: FRACTIONS

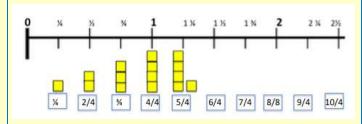


KEY OBJECTIVES

- Recognise, find, name and write fractions ¹/₃, ¹/₄, ²/₄ and ³/₄ of a length, shape, set of objects or quantity.
- Recognise, find and name ½ as one of two equal parts of an object, shape or quantity.
- Recognise find and name ¼ as one of four equal parts of an object, shape or quantity.
- Write simple fractions e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalent of $\frac{2}{4} = \frac{1}{2}$.

POSSIBLE TEACHING SEQUENCE

- ⇒ Make equal parts by splitting sets of objects and pictorial representations.
- ⇒ Recognise ½ in different contexts and find ½ of a set of objects or quantity.
- ⇒ Find quarters in different contexts.
- \Rightarrow Explore equivalence of $^2/_4$ and $^1/_2$ practically.
- ⇒ Find ¾ by splitting quantities into 4 equal groups and then combining 3 of the groups.
- \Rightarrow Find $\frac{1}{3}$ by splitting quantities into 3 equal groups.
- \Rightarrow Use a number line to count in fractions ($\frac{1}{4}$, $\frac{1}{2}$ and $\frac{1}{3}$) and know that fractions can add up to more than one whole.



STEM SENTENCES

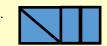
- $'^{2}/_{4}$ is the same as $\frac{1}{2}$.'
- 'A part is smaller than the whole.'
- 'The whole has been divided into __ equal parts.'
- 'Halving is the same as dividing by 2.'
- 'A quarter is half of a half.'

KEY TERMINOLOGY

- Part
- Equal
- Unequal
- Whole
- Same
- Different
- Half/Halves
- Quarter
- Divide

COMMON MISCONCEPTIONS

• Equal parts have to look the same (but they do not) e.g.



• Assuming that 3 equal parts is always thirds (even when they are not equal parts) e.g.

• ¼ is bigger than ⅓ and ½ because the denominator is larger.

- ⇒ Fraction –an equal part of something.
- ⇒ **Third** one of three equal parts.

TEACH IT: MEASURE



KEY OBJECTIVES

- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (I/mI) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
- Measure and begin to record the following: lengths and heights; mass and weight; capacity and volume and timehours, minutes and seconds.
- Compare and order lengths, mass, volume/capacity and record the results using <, >, or =.
- Compare, describe and solve practical problems for length and heights; mass and weight; capacity and volume and time.
- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
- Find different combinations of coins that equal the same amounts of money.
- Recognise and know the value of different denominations of coins and notes.
- Compare and sequence intervals of time.
- Sequence events in chronological order using language.
- Recognise and use the language relating to dates, including days of the week, weeks, months and years.
- Tell and write the time to five minutes including quarter past/to the hour and draw the hands on a clock face to show these times.
- Know the number of minutes in an hour and the number of hours in a day.
- Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.

POSSIBLE TEACHING SEQUENCE

Length & Height

- ⇒ Measure a variety of objects using a ruler, tape measure or metre stick-practical then reading scales on images.
- ⇒ Compare length of 2 objects and order more than 2 lengths.

Mass & Weight

- ⇒ Compare mass of different objects using balance scales.
- ⇒ Use grams/kilogram weights to measure mass of objects on a balance scale.
- ⇒ Weigh objects on standard weighing scales and record mass of objects represented pictorially.

Volume & Capacity

- ⇒ Practically investigate volume and capacity using a variety of containers.
- ⇒ Explore a variety of cylinders and jugs to measure in ml and l.
- ⇒ Compare volume and capacity of different containers-move from concrete to visual representations.

Temperature

- ⇒ Use thermometers to measure temperatures at different times and places around school.
- ⇒ Compare temperatures practically and those represented visually.

Money

- ⇒ Know value of coins and find totals of sets of coins-all the same and then combinations.
- ⇒ Know value of notes £5, £10 and £20 and find totals of notes-all the same and then combinations.
- ⇒ Find totals of notes and coins.
- ⇒ Select coins to make an amount (practically, pictorially & abstract.
- ⇒ Explore different ways of making the same amount & compare 2 different values of coins and/or notes.
- ⇒ Add amounts of money and find the difference between two amounts.
- ⇒ Find change from given amounts.

Time

- ⇒ Read and write times to the hour and half past.
- ⇒ Read and draw times 'quarter to' and 'quarter past'.
- ⇒ Read and show time to 5 minute intervals.
- ⇒ Convert a time in minutes to hours and minutes e.g. 68 minutes=1 hour & 8 min
- ⇒ Calculate duration of an event when given start and end times.

STEM SENTENCES

- 'There are 24 hours in 1 day.'
- "There are 60 minutes in 1 hour."
- 'There are 100p in £1.'
- 'Capacity is the amount a container can hold.'
- 'Volume is the amount of space occupied by an object.'

- Half
- Quarter
- Three quarters

KEY TERMINOLOGY

- Less
- More
- Most
- Least
- A
- Amount
- Change
- Difference
- Measure
- Measurement
- Length
- Height
- Temperature
- Thermometer
- Compare
- Order
-
- Longer/est
- Shorter/est
- Taller/est
- Heaviest
- Lightest
- Hour
- Minute
- Clock
- Seconds
- Hands
- Past
- To

• 10

COMMON MISCONCEPTIONS

- Not knowing that after half past, we start to read time 'to' the next hour; instead children will read 25 to as 35 minutes past etc.
- Always showing the hour hand at the number in the time instead of showing it accurately e.g. at the 2 for 2:30 p.m. instead of ½ way between 2 and 3.
- Thinking that 105 minutes = 1 hour and 5 minutes.
- Measuring objects starting at the end of the ruler instead of 0.
- A larger coin means it's worth more.
- The tallest container has the largest capacity.



- ⇒ Capacity –the amount a container or object can hold, (measured in ml/l).
- ⇒ **Volume** amount of space occupied by an object (measured in cm³).
- ⇒ Scale—lines on measuring instruments that identify the measurement.
- ⇒ Mass– the amount of matter or substance that makes up an object.

TEACH IT: GEOMETRY

KEY OBJECTIVES

- Identify and describe the properties of 2D shapes, including, the number of sides and line symmetry in a vertical line.
- Recognise and name common 2D shapes.
- Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.
- Recognise and name common 3D shapes.
- Identify 2D shapes on the surface of 3D shapes.
- Compare and sort common 2D and 3D shapes and everyday objects.
- Order and arrange combinations of mathematical objects in patterns and sequences.
- Use mathematical vocabulary to describe position, direction and movement, including in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns-clockwise and anticlockwise
- Describe position, directions and movements, including whole, half, quarter and three quarter

POSSIBLE TEACHING SEQUENCE

Geometry: Shape

- Revise recognition and naming of 2D and 3D shapes in varying sizes and orientations.
- ⇒ Describe properties of 2D shapes, including irregular shapes (sides and corners/vertices).
- ⇒ Create 2D shapes using geoboards.
- ⇒ Explore vertical lines of symmetry in 2D shapes (folding papers and use of mirrors).
- ⇒ Sort 2D shapes into different categories.
- ⇒ Create patterns using 2D shapes including different orientations.
- ⇒ Recognise a repeated pattern and continue the pattern using concrete materials and pictorially.
- ⇒ Explore 3D shapes to identify 2D shapes on their surface.
- ⇒ Identify an edge as where two faces meet.
- ⇒ Identify a vertex as where two or more edges meet.
- ⇒ Sort 3D shapes in different ways.
- ⇒ Create patterns using 3D objects, including different orientations.

Geometry: Position and Direction.

- ⇒ Practically give and follow directions.
- \Rightarrow Write and record routes on grids.
- ⇒ Practically turn objects using language: full, half, quarter, three quarter turns; clockwise and anti-clockwise.
- ⇒ Describe turns that objects and shapes have made.
- ⇒ Describe movement and turns to record directions-use PE and Computing also.

STEM SENTENCES

- 'Half turn means you or the object will face the opposite way.'
- 'If something is symmetrical it can be divided into 2 matching half shapes.'
- '2D shapes have sides and corners/ vertices '
- '3D shapes have faces, edges and vertices.'
- 'A side is the line between 2 vertices.'
- 'A corner/vertex is the point where 2 sides meet.'
- 'An edge is where 2 faces meet.'
- 'A vertex is where 2 or more edges meet.'
- 'If something moves clockwise it goes around to the right, like the hands of a clock.'
- 'If something moves anticlockwise it goes around to the left.'

Pentagon

KEY TERMINOLOGY

- Hexagon
- Octagon
- Prism
- Side
- Corner/vertex
- Face
- Edge
- Vertex/vertices
- Property
- Sort
- Flat
- Curved
- Straight
- Orientation
- Forwards
- Backwards
- Up, down, left, right
- Direction
- Movement
- Turn
- Clockwise/ anticlockwise
- Repeat
- Continue

COMMON MISCONCEPTIONS

- Thinking that a square is no longer a square if it has been rotated.
- Not knowing that irregular six-sided shapes are still hexagons, five-sided shapes are still pentagons etc

For example, knowing that this is a pentagon



but thinking this is not



• Only recognising the properties of 3D shapes that can be seen and counted in visual representations i.e. only counting the faces they can see in an image.

- ⇒ **Line of symmetry**-a line that cuts a shape/pattern in half so that both sides match exactly.
- ⇒ **Pattern-**a sequence that repeats.
- ⇒ **Rotate** to turn something around a given point.
- ⇒ **Side**—the line between 2 vertices.
- ⇒ **Vertex** the point at which 2 or more edges meet.
- ⇒ **Edge**—where two faces meet.
- ⇒ Corner
- ⇒ Face

KEY OBJECTIVES POSSIBLE TEACHING SEQUENCE STEM SENTENCES KEY TERMINOLOGY • 'Each symbol represents 2 Total Interpret and construct simple pictograms, tally charts, • Interpret and construct simple pictograms, tally Altogether so half a symbol charts, block diagrams and simple tables. block diagrams and simple tables. More ⇒ Construct tally charts- linking to the wider curriculum represents 1.' Less where possible. • Ask and answer simple questions by counting the Difference ⇒ Complete tally charts with missing tallies or totals. number of objects in each category and sorting the Complete Interpret tally charts-answering questions. Construct categories by quantity. Horizontal Build pictograms using concrete apparatus-both Vertical horizontally and vertically. Ask and answer questions about totalling and Block diagram ⇒ Create pictograms, using data from tallies, by drawing Column comparing categorical data. own pictures. Row Represent Complete missing columns or rows within pictogram. Interpret ⇒ Interpret and answer questions about data presented Symbol in a pictogram, including comparison of categories. Scale ⇒ Draw pictograms where symbols represent 2, 5 or 10 Key items. Tally chart Table Build block diagrams using cubes. Axis Draw block diagrams using number line knowledge for Category scale. Compare ⇒ Interpret block diagrams-answering questions. Same

COMMON MISCONCEPTIONS

Ignoring key



then answering







as 3 instead of 6 or as ½ instead of.

• Interpreting 'How many more...' as an addition or scale reading exercise, instead of as subtraction.

- ⇒ **Tally-**a mark use for counting results OR a way of keeping count by drawing marks.
- ⇒ **Pictogram**-use of pictures or symbols to present information.
- ⇒ **Block diagram** a graph using blocks to show quantities or numbers.

YEAR 2

APPLY IT: PROBLEM-SOLVING & REASONING

PROBLEM-SOLVING AND REASONING SHOULD BE APPLIED THROUGHOUT ALL TEACHING NOT JUST WITHIN ISOLATED LESSONS.

PROBLEM-SOLVING AND REASONING.

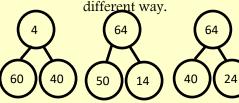
The following strategies are a very powerful way of developing pupils' problem-solving and reasoning skills and can be used flexibly across all strands of maths.

- Spot the mistake/Which is different?
- True or false?
- What comes next?
- Do, then explain.
- Make up an example/Write more statements/ Create a question/Another and another.
- Possible answers/other possibilities.
- Missing numbers/Missing symbols/Missing information.
- Working backwards/Use of inverse/Undoing/ Unpicking.
- Hard and easy questions/Order from easiest to hardest.
- What else do you know?/Use a fact.
- Fact families.
- Convince me/Prove it/Generalising/Explain thinking
- Connected calculations.
- Make an estimate/Size of an answer.
- Always, sometimes, never.
- Making links/Application.
- Can you find?
- Odd one out.
- Complete/continue the pattern.
- Ordering.
- The answer is...
- Visualising
- Answer free zone.
- Justify.

PROBLEM-SOLVING AND REASONING EXAMPLES FOR YEAR 2

Place Value

Complete each part whole model in a



Addition & Subtraction

Complete the pattern

$$20 + 80 = 100$$

 $25 + 75 = 100$

Multiplication & Division

Is this correct? Why?

$$5 + 5 + 5 = 5 \times 5$$

Fractions

Which is the odd one out?



Statistics

Here is a pictogram

'The most popular colour is green.' Do you

agree? Explain why.

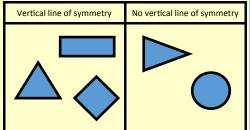
Blue

Red

Green

Geometry-Shape

Which shape is in the wrong set? Why?



Geometry-Position & Direction

ALWAYS SOMETIMES NEVER

If two objects turn in different directions they will not be facing the same way.

OR

A quarter turn clockwise is the same as a three-quarter turn anti-clockwise.

CONVINCE ME

Measures

Here is a strip of orange paper



A blue strip is four times longer than the orange strip

The strip are joined together end to end

How long is the orange strip?

