



TO LEARN MATHS
VOCABULARY IN
ENGLISH



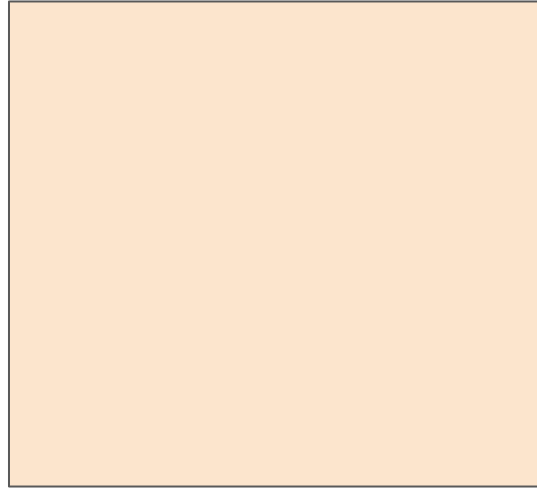
Maths

Maths

What is the difference between 2D and 3D shapes?

What is 2D and 3D short for?

Shapes



Shapes

square

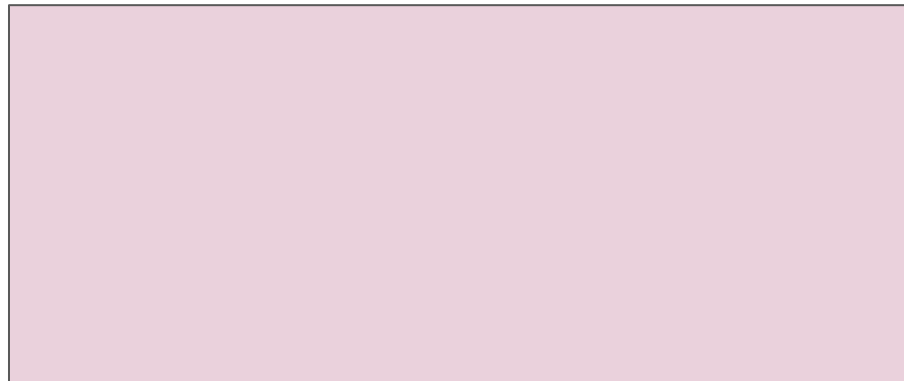


Shapes

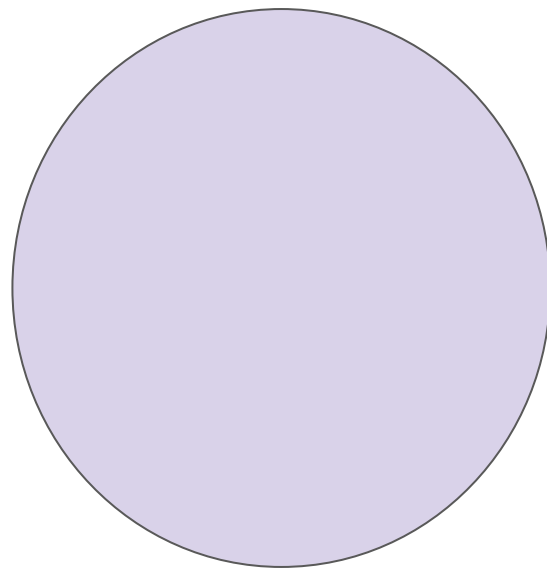


Shapes

rectangle

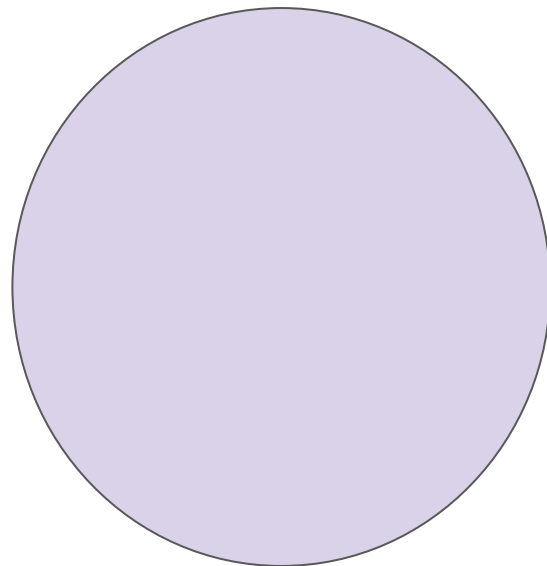


Shapes

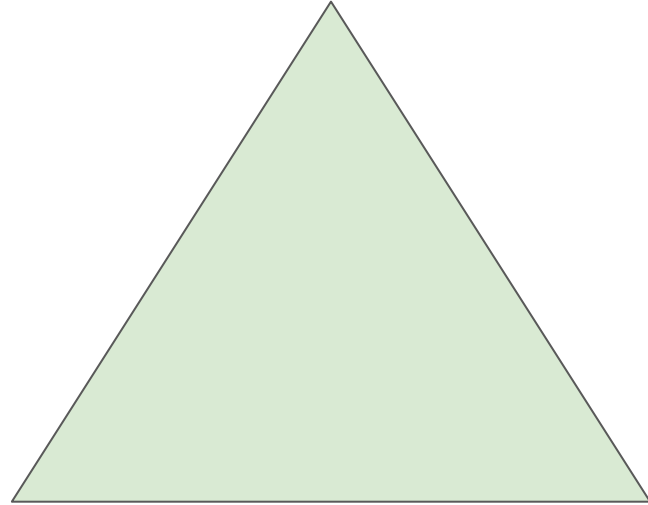


Shapes

circle

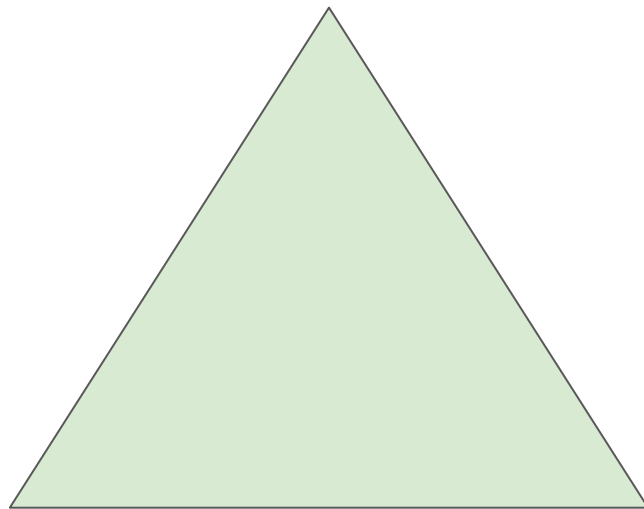


Shapes



Shapes

triangle

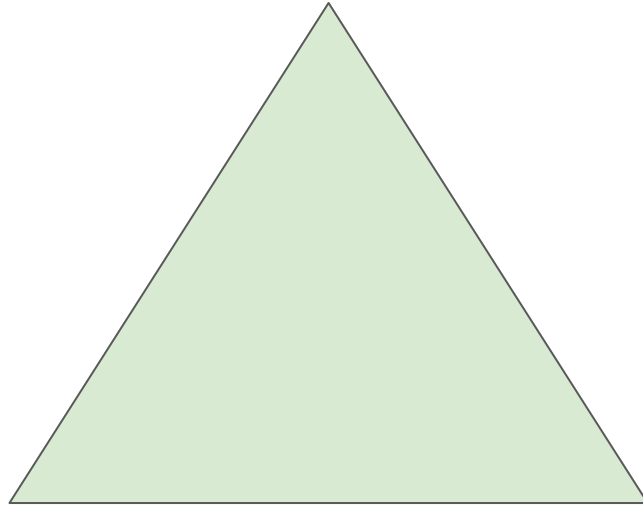


Shapes

There are different types of triangles too.

Equilateral
triangle

All 3 sides are the
same length.

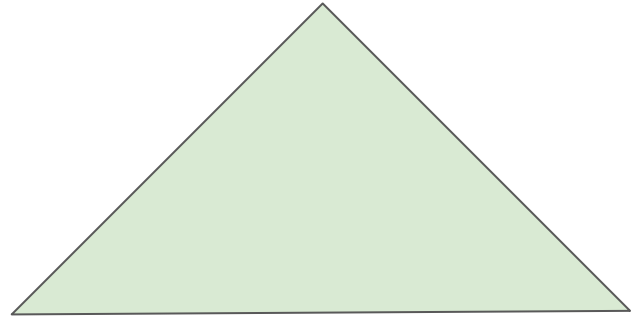


Shapes

There are different types of triangles too.

Isosceles triangle

2 sides are the same length.

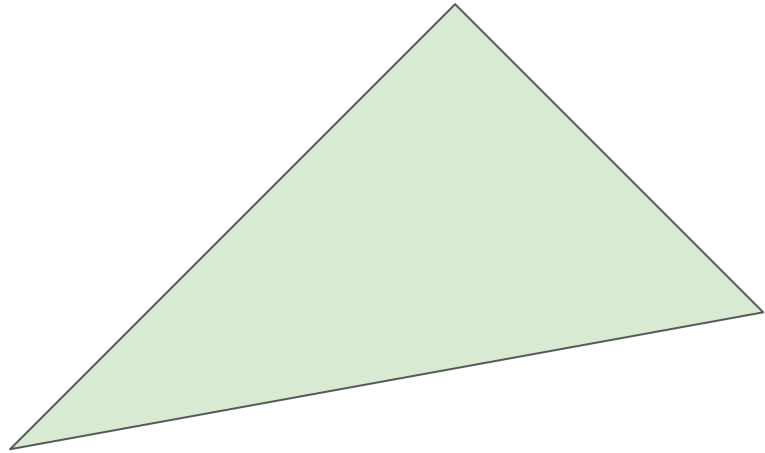


Shapes

There are different types of triangles too.

Scalene triangle

All sides are the different length.

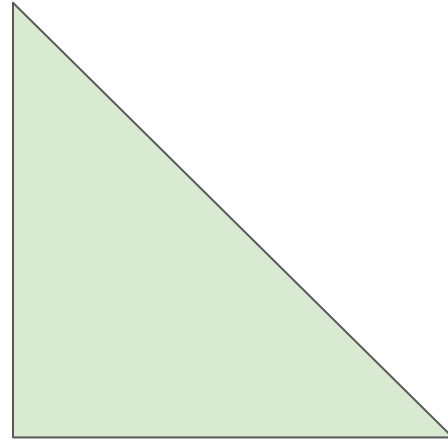


Shapes

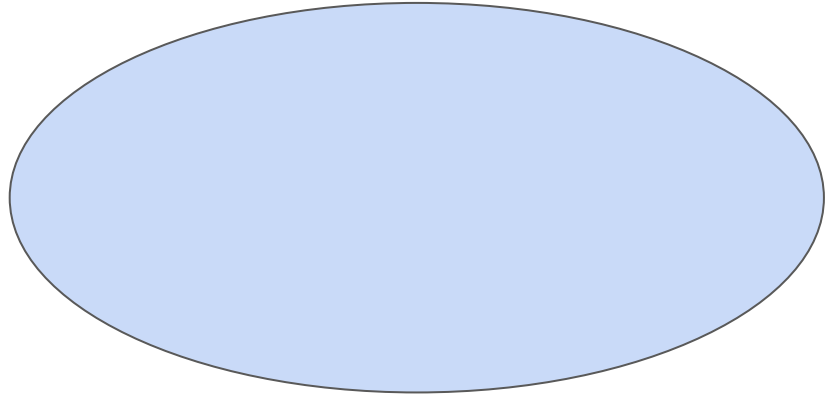
There are different types of triangles too.

**Right-angle
triangle**

One angle is 90° .

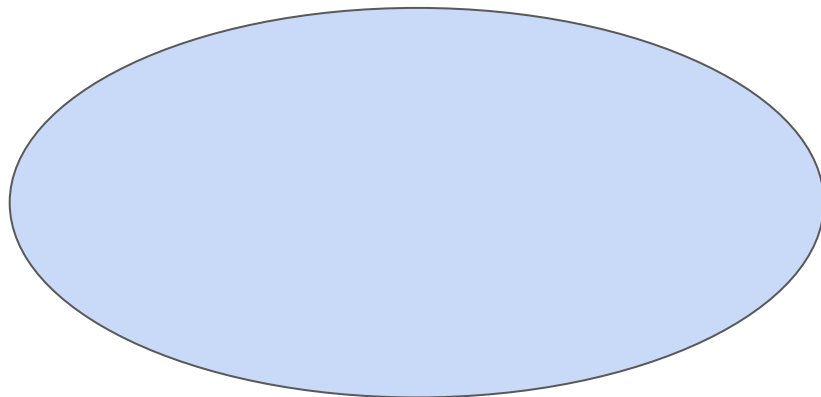


Shapes

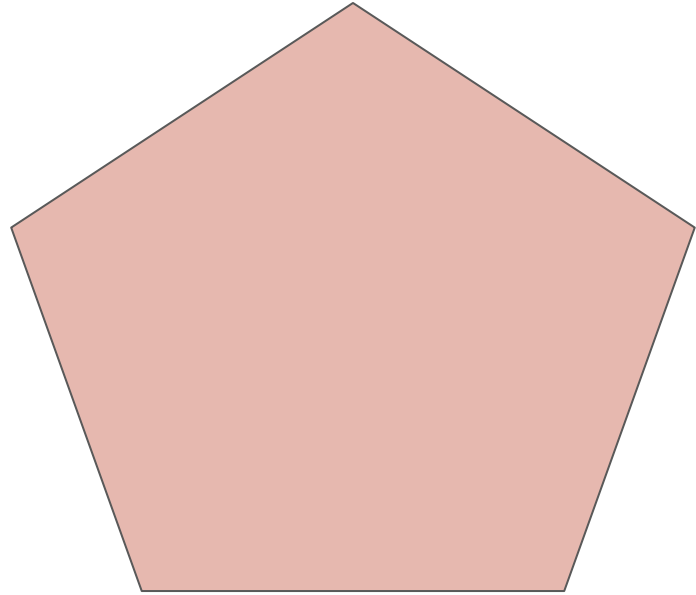


Shapes

oval

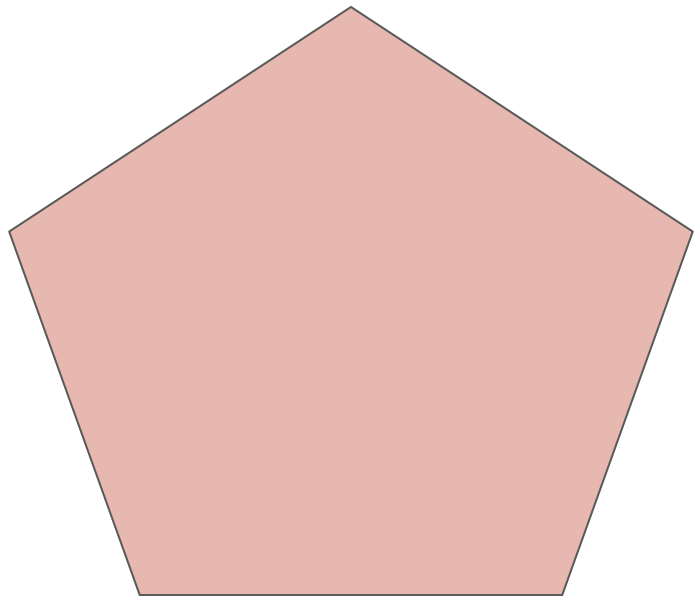


Shapes

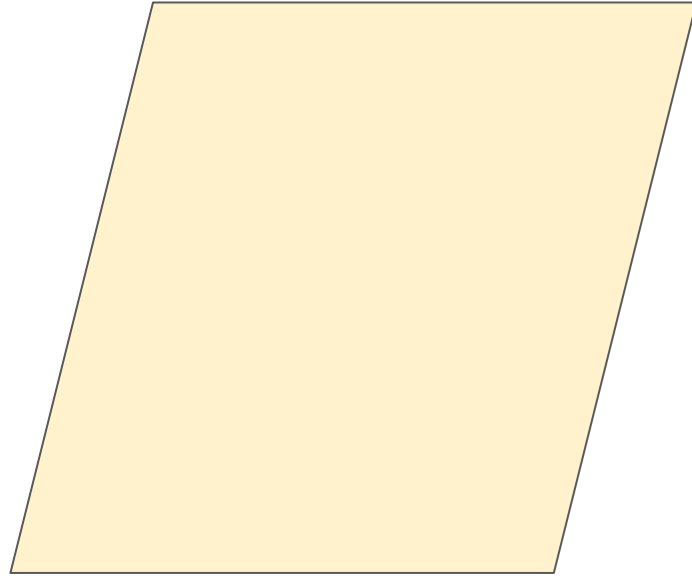


Shapes

pentagon

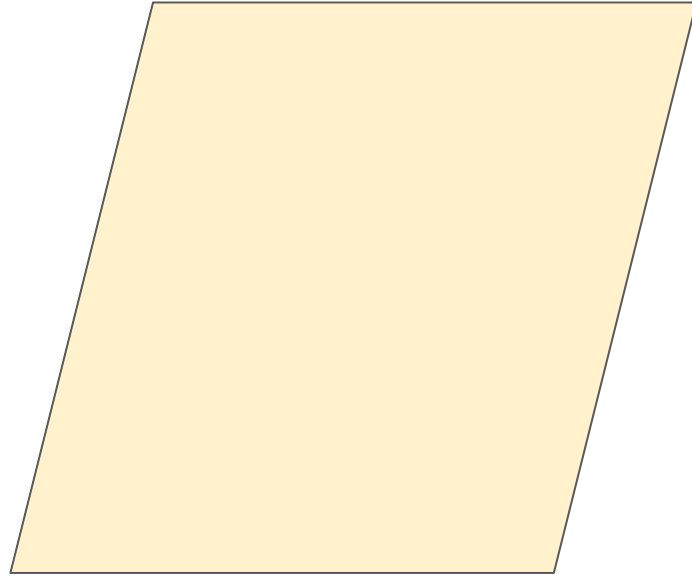


Shapes

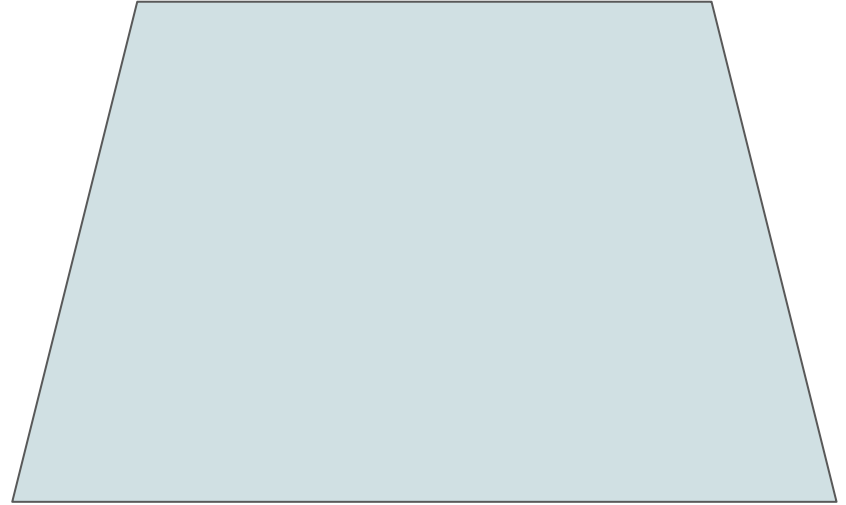


Shapes

parallelogram

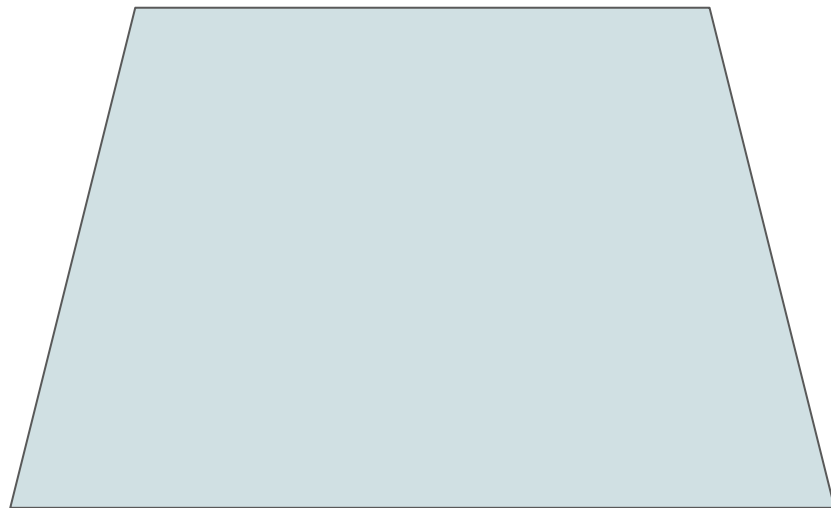


Shapes

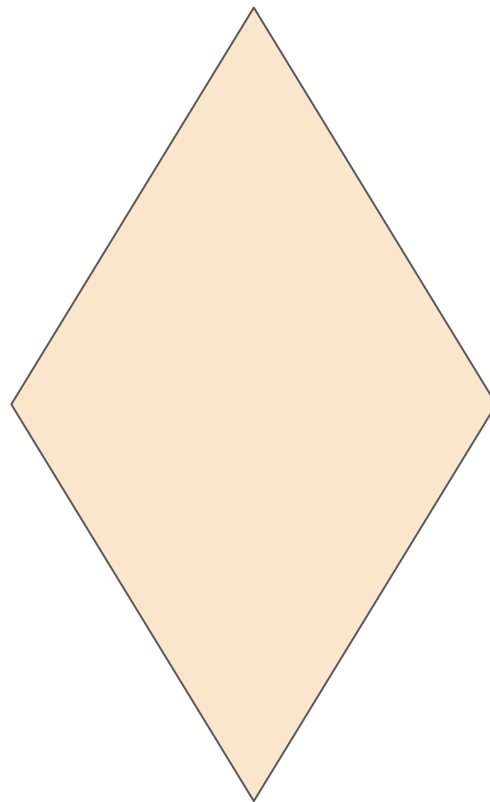


Shapes

trapezium

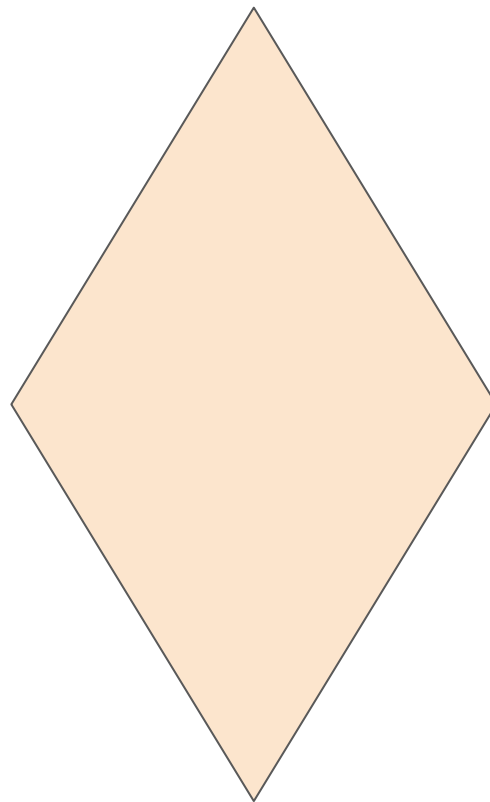


Shapes

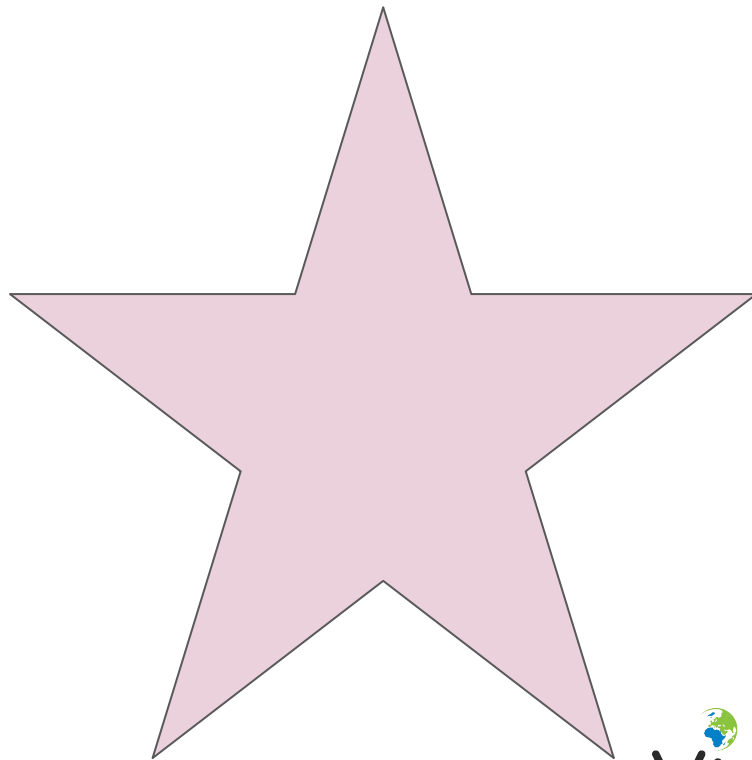


Shapes

rhombus

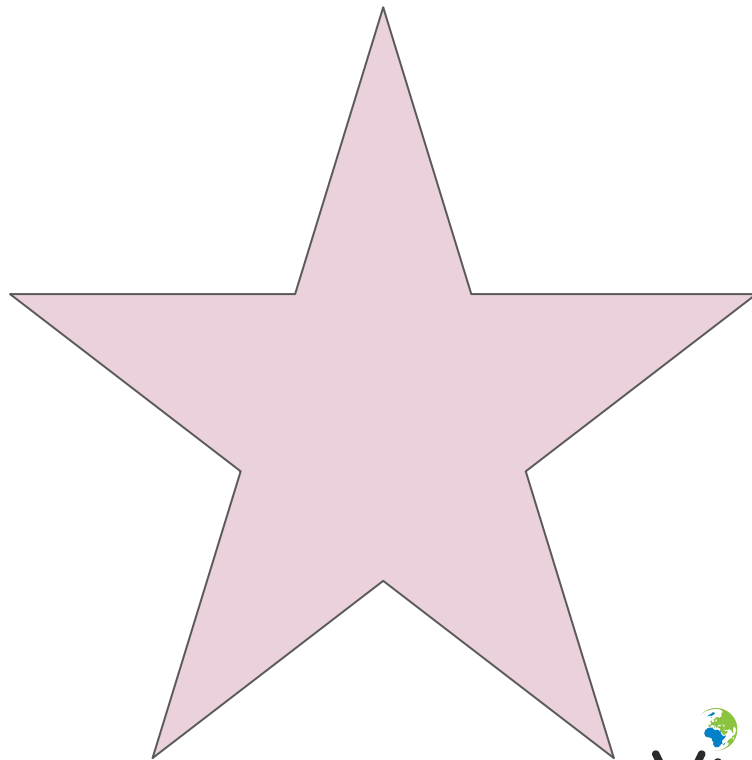


Shapes

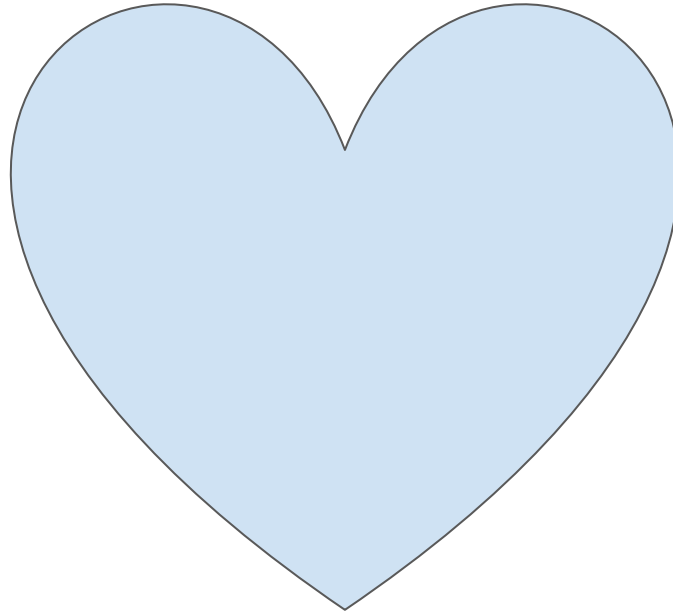


Shapes

star

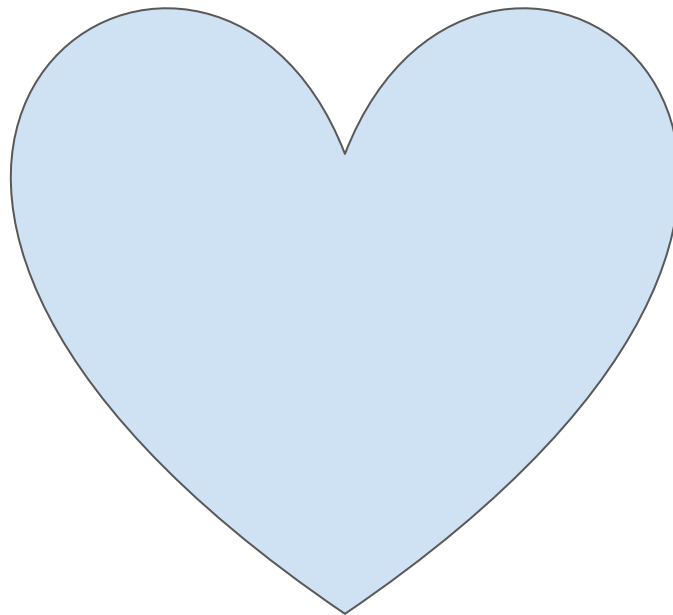


Shapes

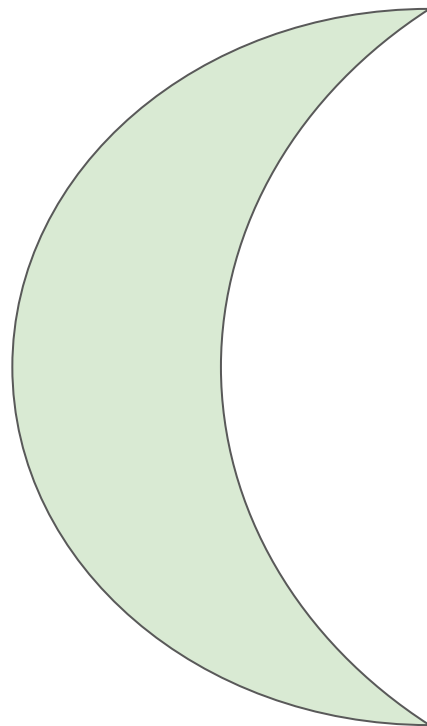


Shapes

heart

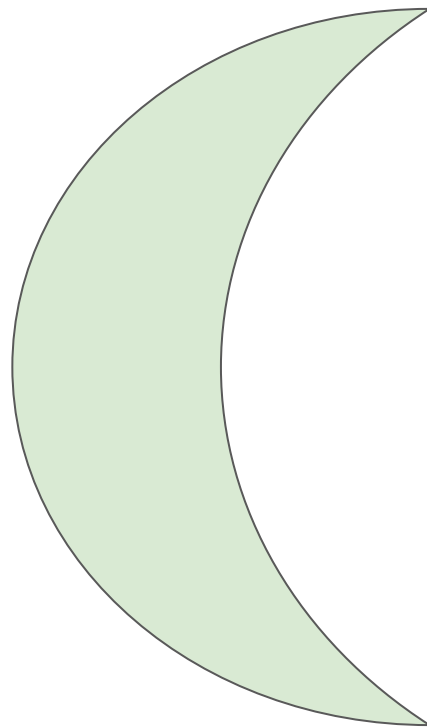


Shapes

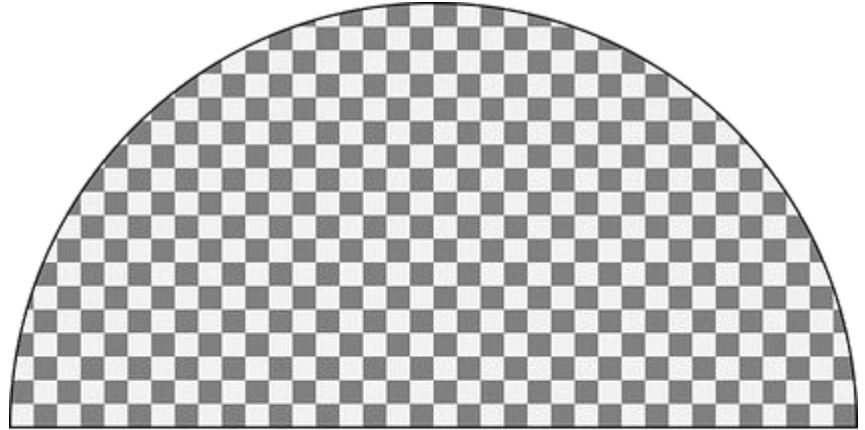


Shapes

crescent

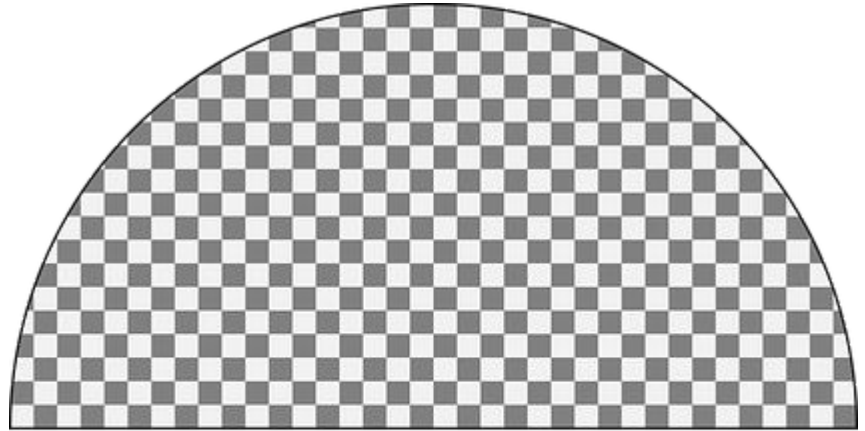


Shapes

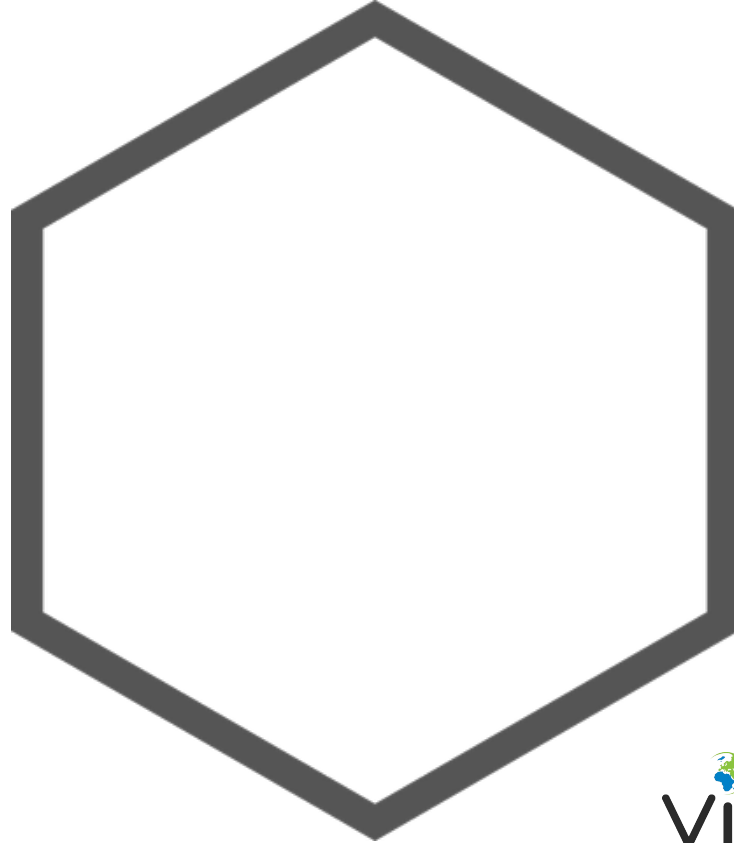


Shapes

semicircle

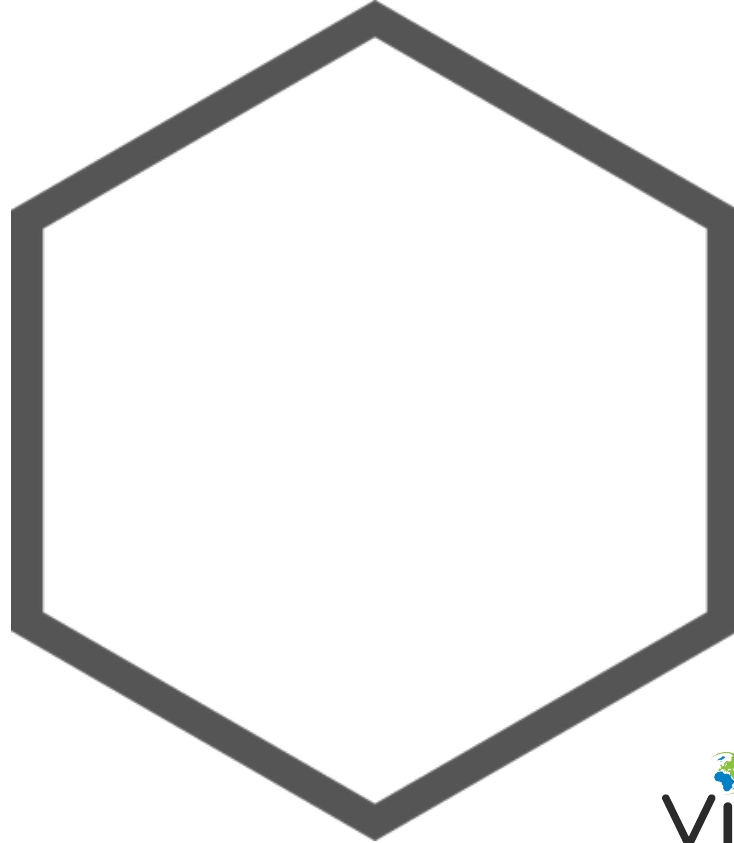


Shapes



Shapes

hexagon



Shapes



Shapes

heptagon



Shapes

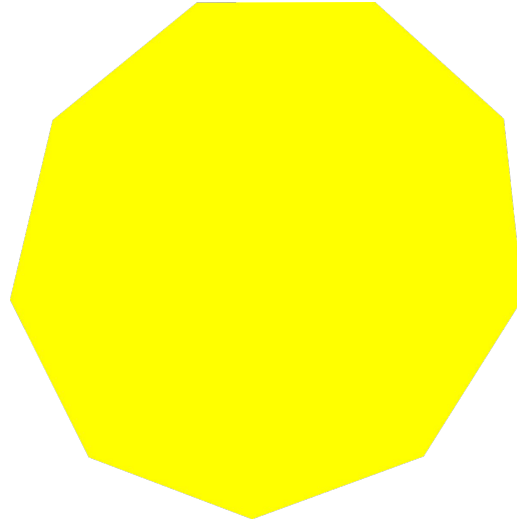


Shapes

octagon

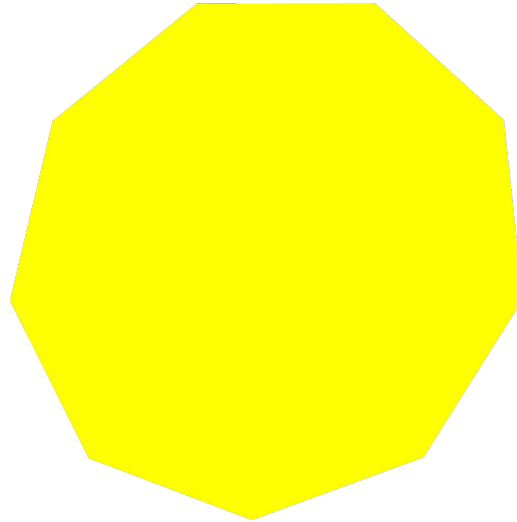


Shapes

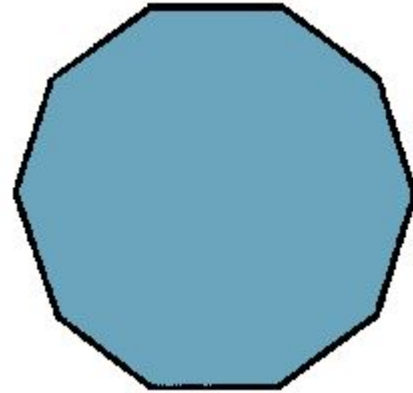


Shapes

nonagon

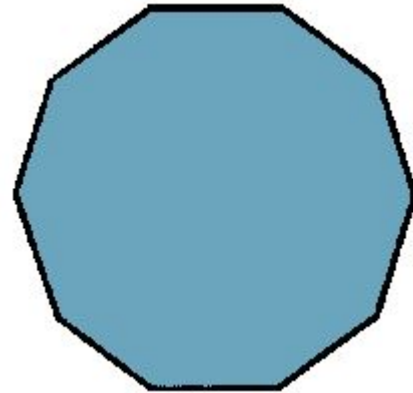


Shapes

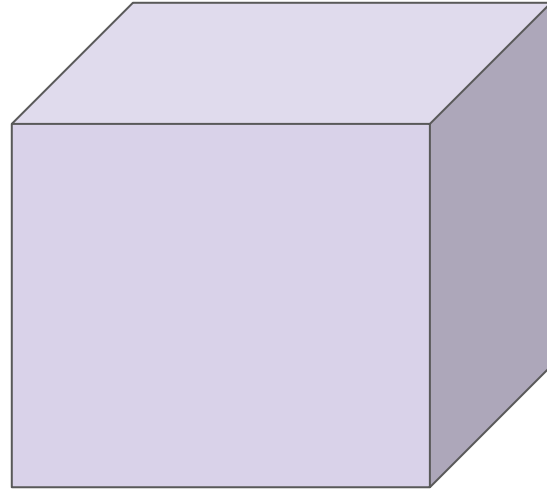


Shapes

decagon

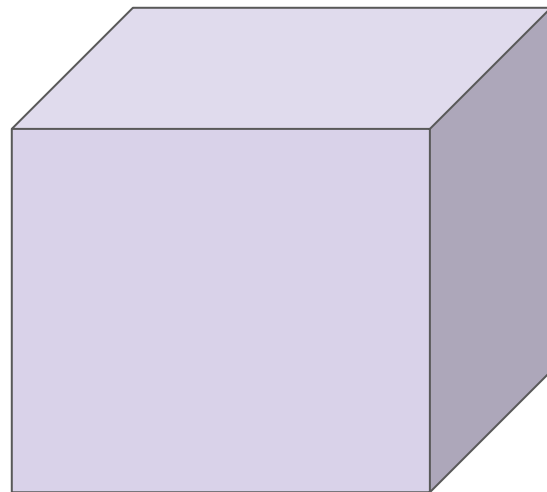


Shapes

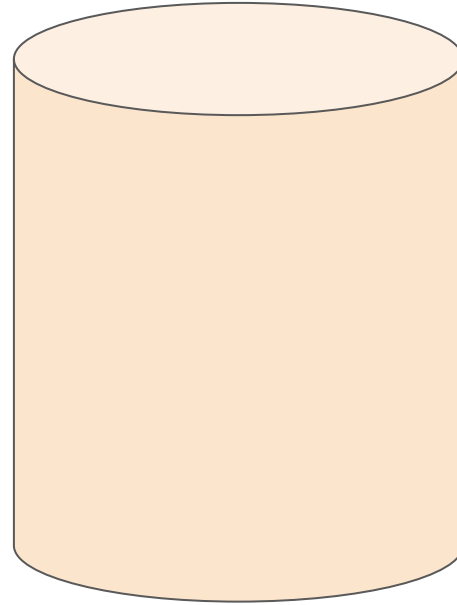


Shapes

cube

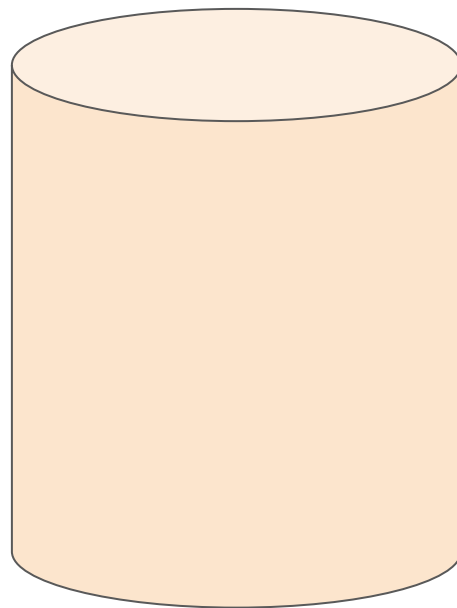


Shapes

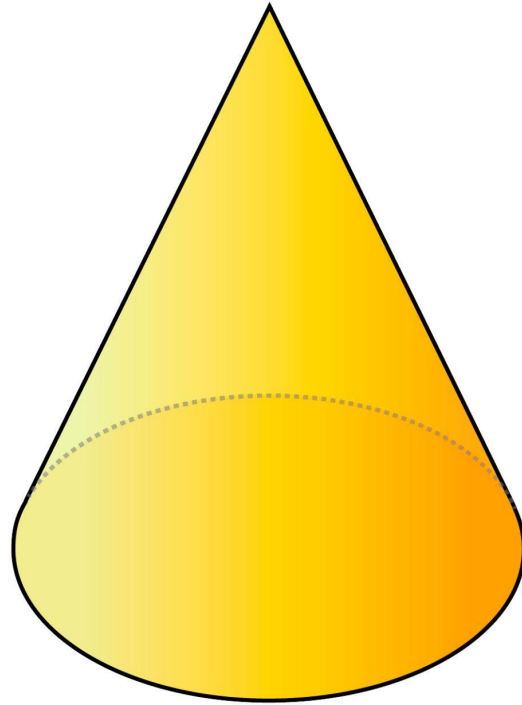


Shapes

cylinder

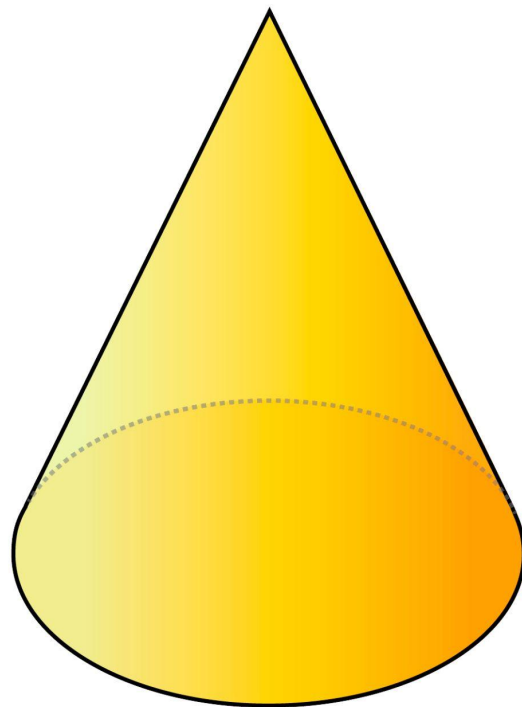


Shapes

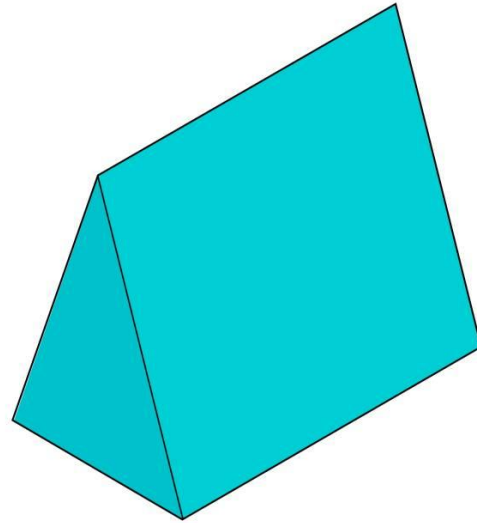


Shapes

cone

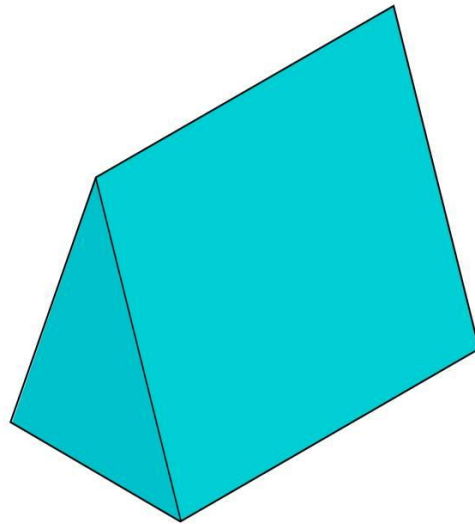


Shapes



Shapes

prism



Shapes

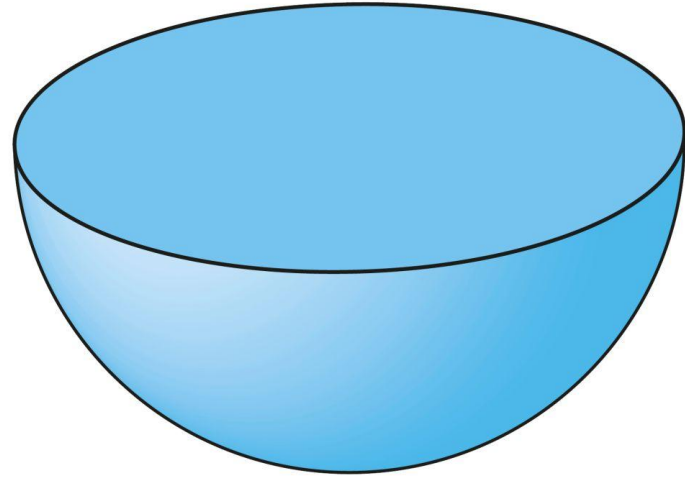


Shapes

sphere

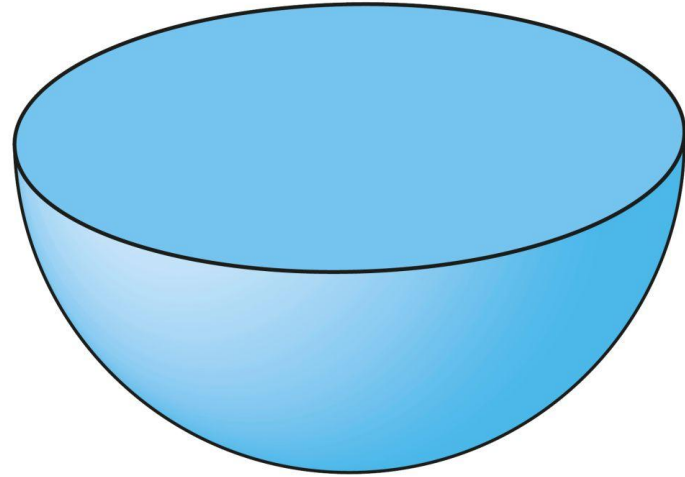


Shapes



Shapes

hemisphere



Maths

What is an equation?

Equations

Equations are mathematical expressions. There are different symbols that can be used to express these equations.

Equations



Equations

more

add



plus

sum

and

Equations

$$4 + 4$$

four add four

four plus four

four and four

Equations



Equations

leave

subtract



minus

less

take
away

Equations

3-2

Equations

$$3-2$$

three minus two

subtract two from three

three take away two

Equations



Equations

multiple
of

lots of



multiplied
by

groups
of

times by

Equations

$$2 \times 2$$

Equations

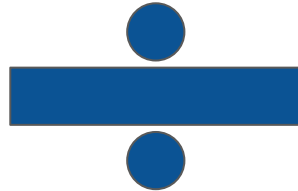
$$2 \times 2$$

two lots of two

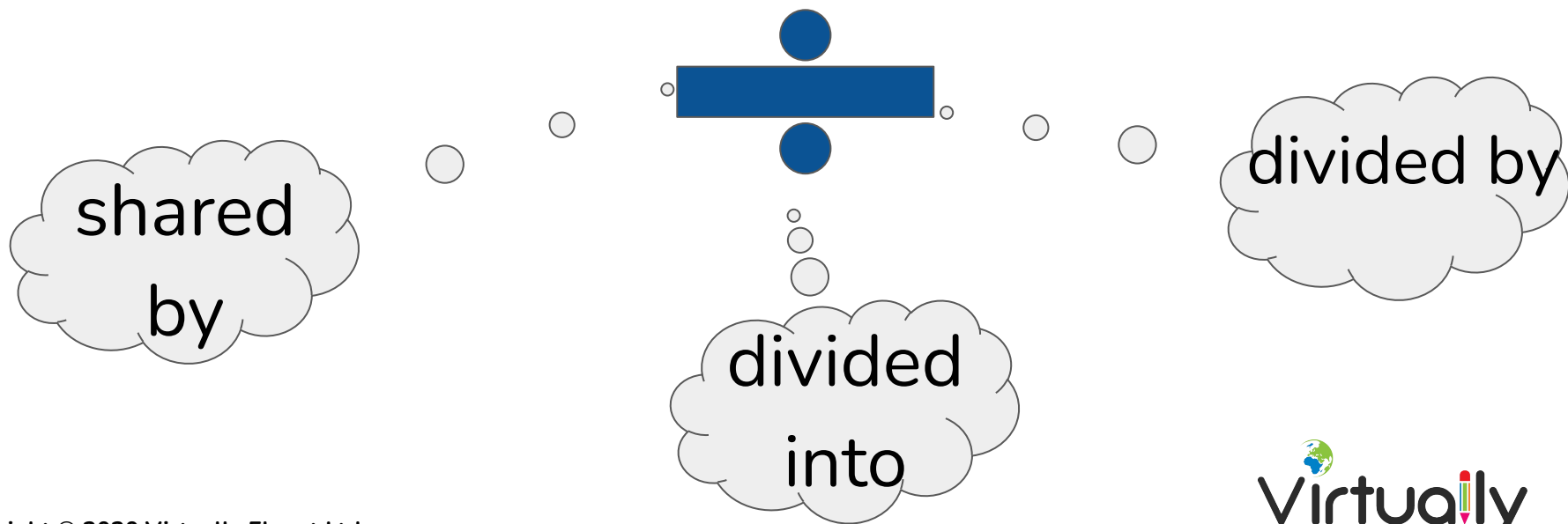
two multiplied by two

two times by two

Equations



Equations



Equations

$$6 \div 2$$

Equations

$$6 \div 2$$

six divided by two

six divided into two

six shared by two

Equations



Equations

balances

makes

=

totals

is / are

equals

Equations

$$3 + 3 = 6$$

Equations

$$3 + 3 = 6$$

three plus three makes six

three plus three totals six

three plus three equals six

three plus three is six

Equations

$>$

$<$

\approx

Equations

Greater than $>$

Less than $<$

Approximately \approx

Maths Keywords

How do we say this decimal in English?

1.75

Maths Keywords

How do we say this decimal in English?

1.75

one point seven five

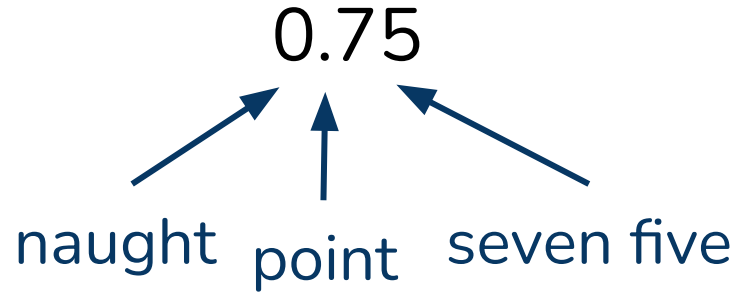
Maths Keywords

How do we say this decimal?

0.75

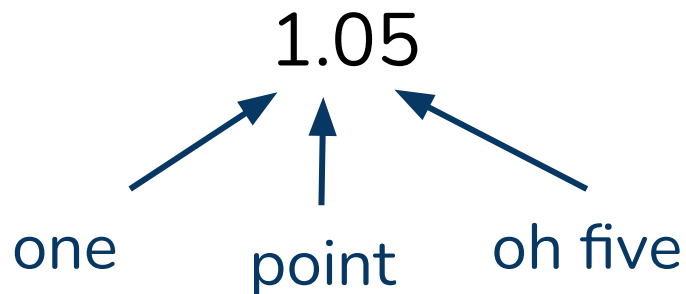
Maths Keywords

If the number before the decimal is 0, we say “naught” in decimals.



Maths Keywords

If the number after the decimal is 0, we say “oh” in decimals.



Maths Keywords

How do we say this decimal?

1.05

Maths Keywords

How do we say these fractions?

$$\frac{1}{5}$$

$$\frac{2}{5}$$

Maths Keywords

Fractions have two parts. The top part is read as a cardinal number and the bottom is read as an ordinal number. Remember, if the top number is greater than one, the bottom number needs to be made plural.

$\frac{1}{5}$ one fifth

$\frac{2}{5}$ two fifths

Maths Keywords

How do we say these figures?

20%

75.5%

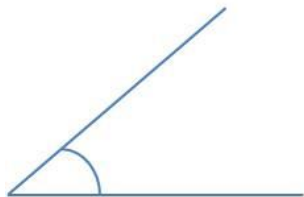
Maths Keywords

Percentages are read as cardinal numbers and decimals. Note that the unit is “**per cent**” - two separate words and never plural.

20% → twenty per cent

75.5% → seventy-five point five per cent

Maths Keywords



Acute angle

Less than 90°



Right angle

Exactly 90°



Obtuse angle

More than 90°

Less than 180°



Reflex angle

More than 180°

Less than 360°

There are numerous **angles**.

$^\circ$ - degrees

Images: <https://www.schoolsofkingedwardvi.co.uk/ks2-maths-year-4-4b-angles/>

Maths Keywords

π

Maths Keywords

π

pi

Maths Keywords

sigma

Maths Keywords

sigma

Σ

Maths Keywords

infinity

Maths Keywords

infinity

∞

Maths Keywords

square root

Maths Keywords

square root



Maths Keywords

ratio

Maths Keywords

ratio

:

Maths Keywords

squared

Maths Keywords

squared

\cdot^2

Maths Keywords

cubed

Maths Keywords

cubed

\cdot^3

Find something that has a
circle shape



Find something that has a
cube shape



Find something that has a
sphere shape



Find something that has a
square shape



What shapes can you see
around you?



Make an acute angle with
your hands



Make a heart shape with
your hands



Make an oval shape with
your hands



Make a circle shape with
your tongue



Make a right angle with
your hands



Make a cone shape out of
paper



Cut a scalene triangle out
of paper



Practice 1



True or False?

A semicircle is a 3D shape

True or False?

A semicircle is a 3D shape

False

True or False?

A cube is a 3D shape

True or False?

A cube is a 3D shape

True

How do we say the following?

$$4 > 2$$

What is the following number?

$$\frac{4}{5}$$

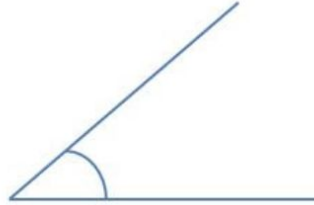
Which shape has three different lengthed sides?

- a) Equilateral triangle
- b) Isosceles triangle
- c) Scalene triangle
- d) Right-angle triangle

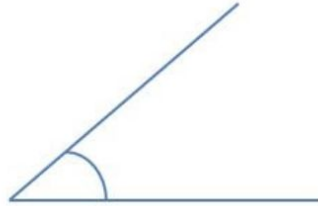
How do we say the following?

$$4 + 2 = 6$$

What is the name of the following angle?



What is the name of the following angle?



Acute angle

What is the name of this symbol?

Σ

What is the name of this symbol?

Σ

sigma

How do we say the following?

$$4 + 2 = 6$$

How do we say the following?

4.06



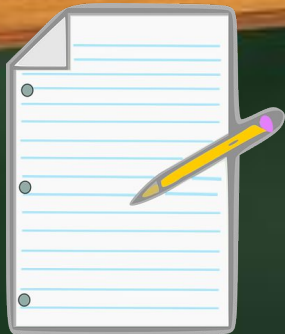
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REVIEW



Maths Course



HOMEWORK

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