parallel

Two continuous straight lines that never meet.

Two lines that are side by side.

Two lines that make a right angle.

Two straight lines that are the same length.
## Improper Fraction

<table>
<thead>
<tr>
<th>A number with a fraction and a decimal.</th>
<th>Where the denominator is greater than the numerator.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Where the numerator is greater than the denominator</td>
<td>Where you have a whole number and a fraction.</td>
</tr>
</tbody>
</table>
Find factors of 39

Hi! I'm a bug. How can I factor this number?

Factors:
- 1
- 3
- 13
- 39

This will simplify the expression by using brackets and algebraic expressions. An unanswered question mark.

Opening parenthesis:

2(y + 3)

Expanding:

2y + 6
Mass

A mathematical term denoting a very large size.

A synonym for weight, measured in g and kg.

A measure of how much matter is in an object, commonly measured in weight.

lots, eg a mass of triangles

mass of triangle

One triangle
<table>
<thead>
<tr>
<th>religious ceremony</th>
<th>how much matter is in an object</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight of an object</td>
<td>Group of objects 'many'</td>
</tr>
</tbody>
</table>
Cuboid.

A 3D shape with 6 faces, all of which are rectangular.

A 3D shape with 6 faces, 2 of which are square, 4 rectangles.

A 3D shape with 6 faces, 8 vertices, 12 edges.

A cuboid is a cube.
A four sided 2D shape with two longer sides and two shorter sides.

An 2D shape with four straight sides where the opposite sides are the same length.

A four sided shape with two right angles.

A rectangle

A shape with five straight sides.
例 3. 画出以下图形的轴测图。

例 2. 画出以下图形的轴测图。

例 1. 画出以下图形的轴测图。
Can -> 12 -> 6

Reading: Dilation/Condense

24th April

Microconcepts:

Please note the following:  

- Can parents read the report cards?
- Are we scoring the quizzes?
- Who is in touch with the teacher?
- I need the report cards

New Microconcept:

Time

Yes -> months, days

Consequence:
The consequence of success/loss

Conclusion:

What conclusions?
**Integer**

A whole number that can be written without a fractional component.

A positive whole number.

The result of a division which is a whole number.

A number that has a fractional component.
Array

2
A row of dots/counters

0 0 0 0
0 0 0 0

3
A pattern

4
A pattern set in rows & columns, where each row is equal

Δ Δ Δ Δ
Δ Δ Δ Δ
Δ Δ Δ Δ
Δ Δ Δ Δ
1. Two numbers that multiply together to get the same answer.
   \[2 \times 3 = 6 \checkmark\]
   \[6 \times 1 = 6 \checkmark\]

2. The inverse relationship between addition and subtraction.
   \[10 - 4 = 6 \checkmark\]
   \[6 + 4 = 10 \checkmark\]

3. The ability to add or multiply numbers together in any order to get the same answer.
   \[4 + 6 = 10 \checkmark\]
   \[6 + 4 = 10 \checkmark\]

4. When you see the numbers on the front of the bus you commute to work on.
Marks that one represent a number

1 → 1

That it has to be a vertical mark /

Tally is just a marc

It has legs on a table.)
The amount of space something occupies or that is enclosed within a container.

E.g.

How full a container is.

The maximum amount an object can contain.

Can be held.
There are 2 commutative laws in Mathematics:

**Commutative law of multiplication**: In a multiplication number sentence you can multiply the numbers in any order as the end product will always be the same.

\[ 3 \times 4 = 12 \]
\[ 4 \times 3 = 12 \]

**Commutative law of addition**: you can add the numbers in any order. The end sum will always be the same.

\[ 6 + 4 = 10 \]
\[ 4 + 6 = 10 \]

**Commutative law does not apply to subtraction and division**.

\[ 7 - 3 = 4 \]
\[ 3 - 7 = -4 \]
\[ 6 \div 3 = 2 \]
\[ 3 \div 6 = 0.5 \]

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Improper Fraction

- It is a whole number and a fraction.
- The numerator is larger than the denominator.
- The denominator is larger than the numerator.
- The numerator & denominator add up to the total number of parts.
6 + 4 = 10
5 + 5 = 10

a. Give you the same answer.

b. Two number facts that does the opposite.

c. Same as inverse i.e. 3 - 2 = 2 - 3

4 + 1 = 1 + 4

E.g. number stays.

E.g. the order of your number stays.

When you change 0. A number stays that and operation

Commutative
Sorting circles.

A graphic organizer which has a function to sort anything in a multiple of ways, using interaction.