

Vocabulary Cards and Word Walls

Revised: June 29, 2011

Important Notes for Teachers:

- The vocabulary cards in this file match the Common Core, the math curriculum adopted by the Utah State Board of Education, August 2010.
- The cards are arranged alphabetically.
- Each card has three sections.
 - Section 1 is only the word. This is to be used as a visual aid in spelling and pronunciation. It is also used when students are writing their own “kid-friendly” definition and drawing their own graphic.
 - Section 2 has the word and a graphic. This graphic is available to be used as a model by the teacher.
 - Section 3 has the word, a graphic, and a definition. This is to be used for the Word Wall in the classroom. For more information on using a Word Wall for Daily Review – see “Vocabulary – Word Wall Ideas” on this website.
- These cards are designed to help all students with math content vocabulary, including ELL, Gifted and Talented, Special Education, and Regular Education students.

For possible additions or corrections to the vocabulary cards, please contact the Granite School District Math Department at 385-646-4239.

Bibliography of Definition Sources:

Algebra to Go, Great Source, 2000. ISBN 0-669-46151-8

Math on Call, Great Source, 2004. ISBN-13: 978-0-669-50819-2

Math at Hand, Great Source, 1999. ISBN 0-669-46922

Math to Know, Great Source, 2000. ISBN 0-669-47153-4

Illustrated Dictionary of Math, Usborne Publishing Ltd., 2003. ISBN 0-7945-0662-3

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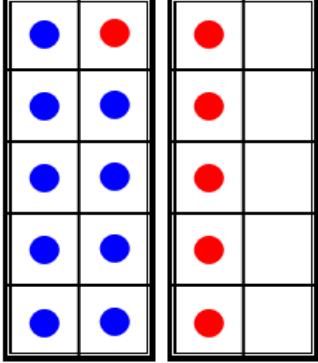
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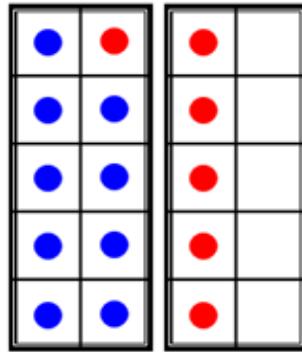
making ten

making ten

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$


9 + 1 makes 10
10 plus the 5 left over makes 15.

making ten

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$


9 + 1 makes 10
10 plus the 5 left over makes 15.

A strategy that uses combinations of numbers that add up to ten.

multiple of ten

**multiple
of ten**

**10, 20, 30, 40,
50, 60, ...**

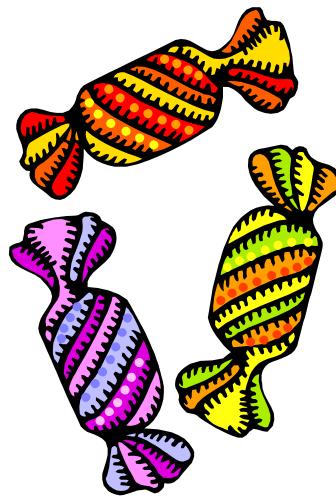
**multiple
of ten**

**10, 20, 30, 40,
50, 60, ...**

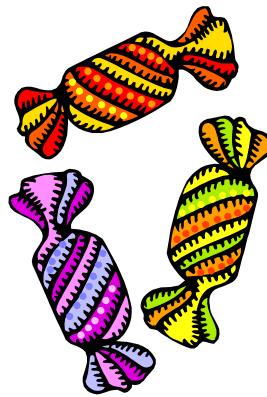
Multiples of ten end in zero when written in base ten.

number

number



There are 3 candies.



There are 3 candies.

A number indicates how many or how much. The number of objects can be named by the numeral 3.

numeral

numeral

6 six

 | VI

6 six

 | VI

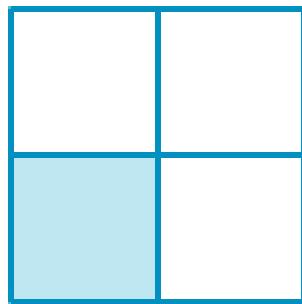
numeral

A symbol used
to represent
a number.

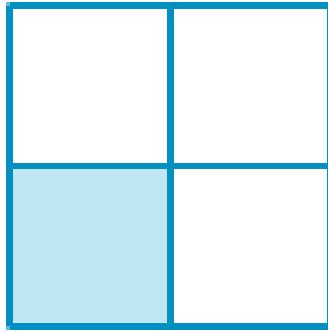
One-fourth

One-fourth

one-fourth



One of 4 equal parts.



One-half

One-half

one-half



One of 2 equal parts.

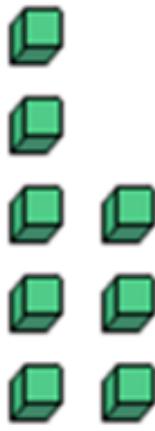
Ones

Ones

Ones



A single unit or object.

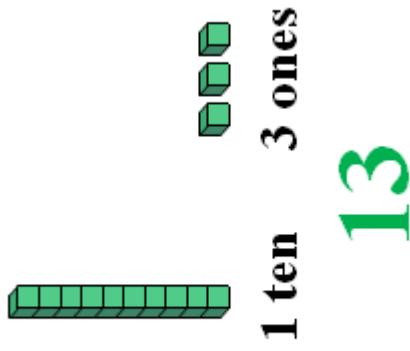


8 ones

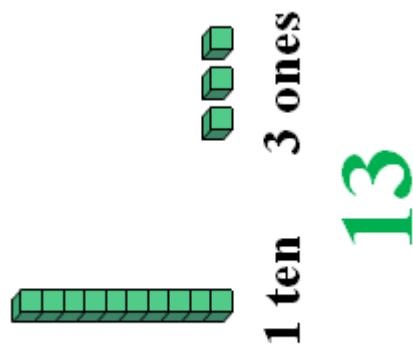
8 ones

place value

place value



The value a digit has
because of its place in
a number.

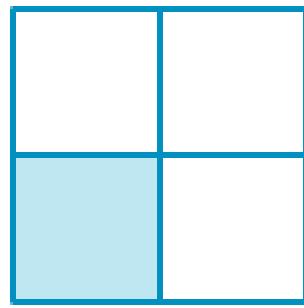


place value

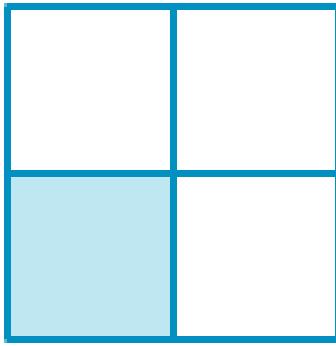
quarter of

quarter of

quarter of

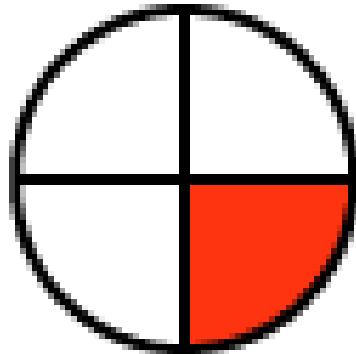


One of 4 equal parts.

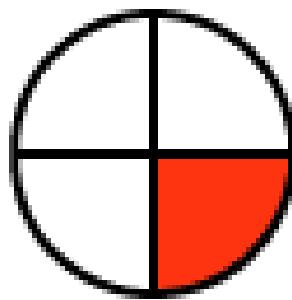


quarter circle

quarter circle



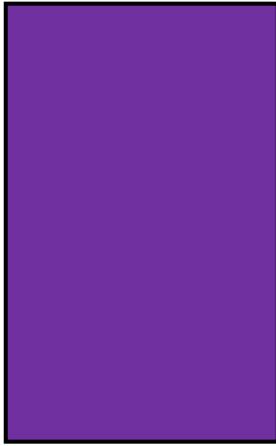
quarter circle



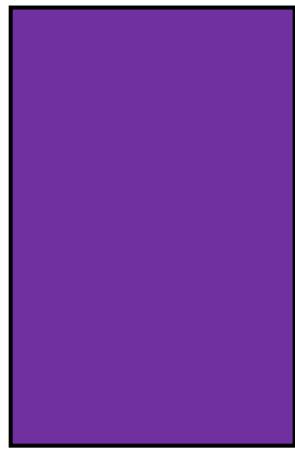
One of 4 equal parts
of a circle.

rectangle

rectangle



A plane figure with 4 sides and 4 square corners.



rectangle

Sequence

Sequence

$$\underline{1} \textcolor{magenta}{+4} \underline{5} \textcolor{magenta}{+4} \underline{9} \textcolor{magenta}{+4} \underline{13}$$

A set of numbers arranged in special order or pattern.

$$\underline{1} \textcolor{magenta}{+4} \underline{5} \textcolor{magenta}{+4} \underline{9} \textcolor{magenta}{+4} \underline{13}$$

1, 5, 9, 13 ... is a number sequence.
The difference between any two numbers is 4.

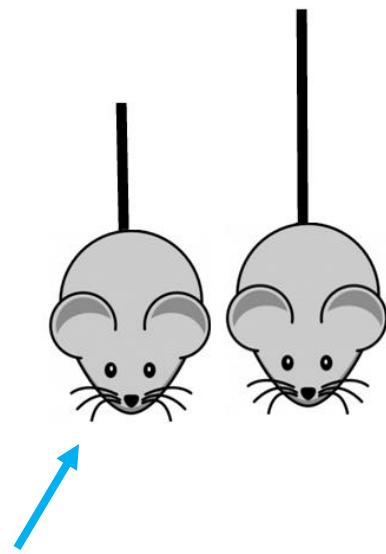
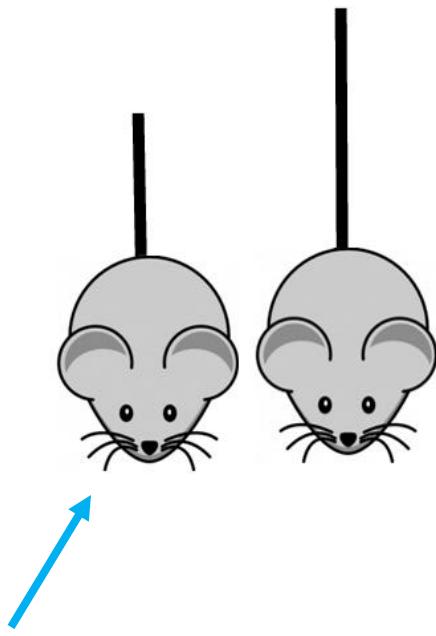
$$\underline{1} \textcolor{magenta}{+4} \underline{5} \textcolor{magenta}{+4} \underline{9} \textcolor{magenta}{+4} \underline{13}$$

Sequence

shorter

shorter

shorter

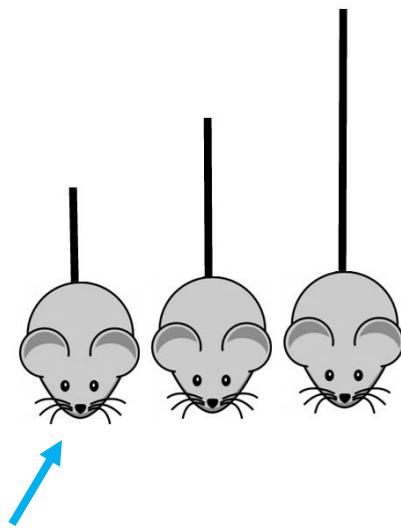
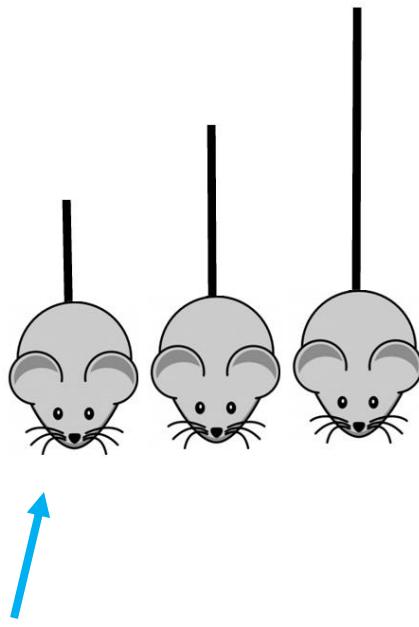


A word used when comparing the length of two objects.

shortest

shortest

shortest

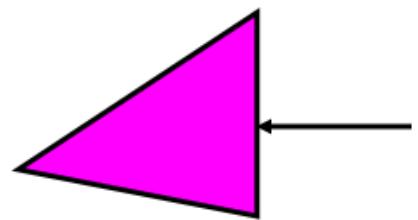
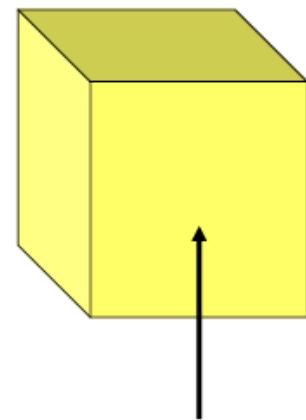
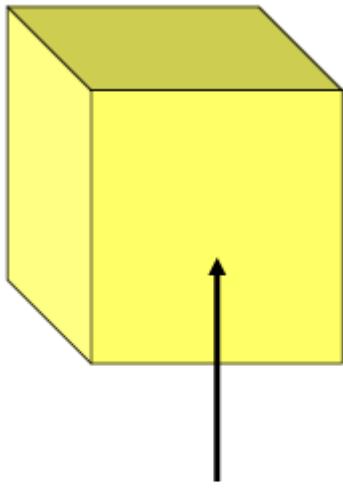
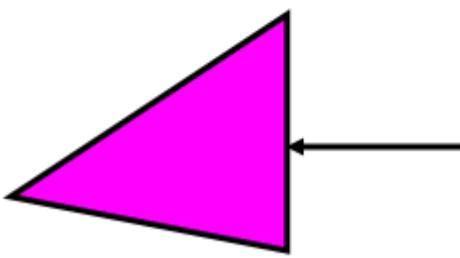


A word used when comparing three or more objects in length.

Side

Side

Side



A line or surface forming a border or face of an object.

Similar

Similar



Same shape but different size.



Similar

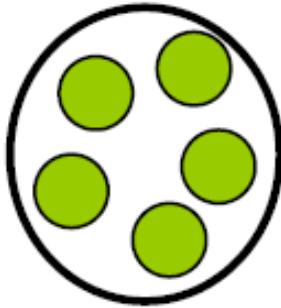
Compare two or more objects or figures to find what is the same shape.

Same shape but different size.

Sort

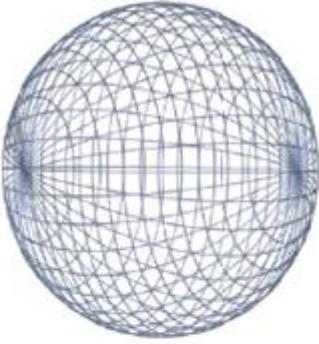
Sort

Sort



To group or organize according to shared attributes.

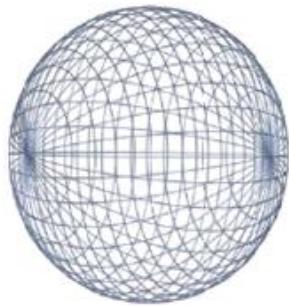
sphere



sphere



A geometric solid with
a curved surface.

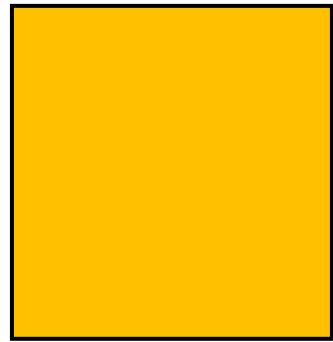
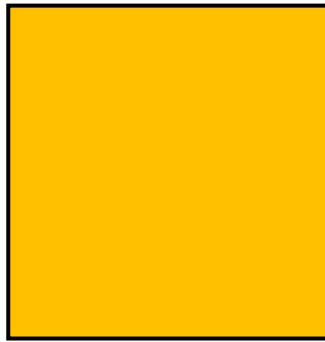


sphere

Square

Square

Square



A figure with 4 sides
that are the same
length and 4 right
angles.

Subtract

Subtract



$$5 - 2 = 3$$

Subtract



$$5 - 2 = 3$$

Take away, remove, or compare.

Sum

Sum

$$3 + 2 =$$

5

Sum

$$3 + 2 =$$

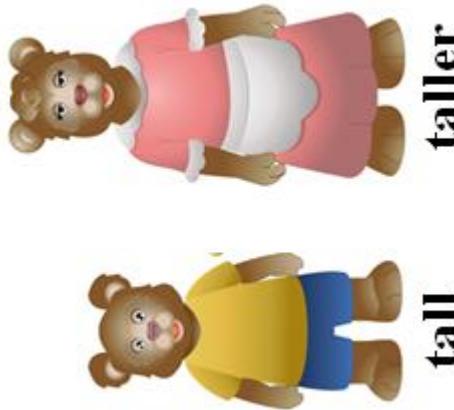
5

The answer to an
addition problem.

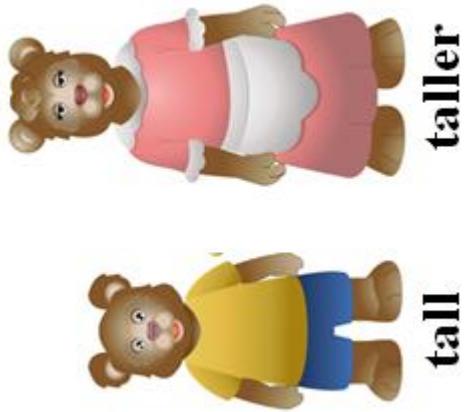
taller

taller

taller



taller



tall

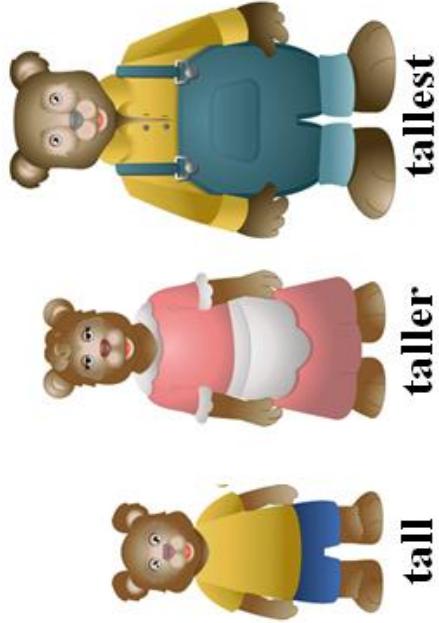
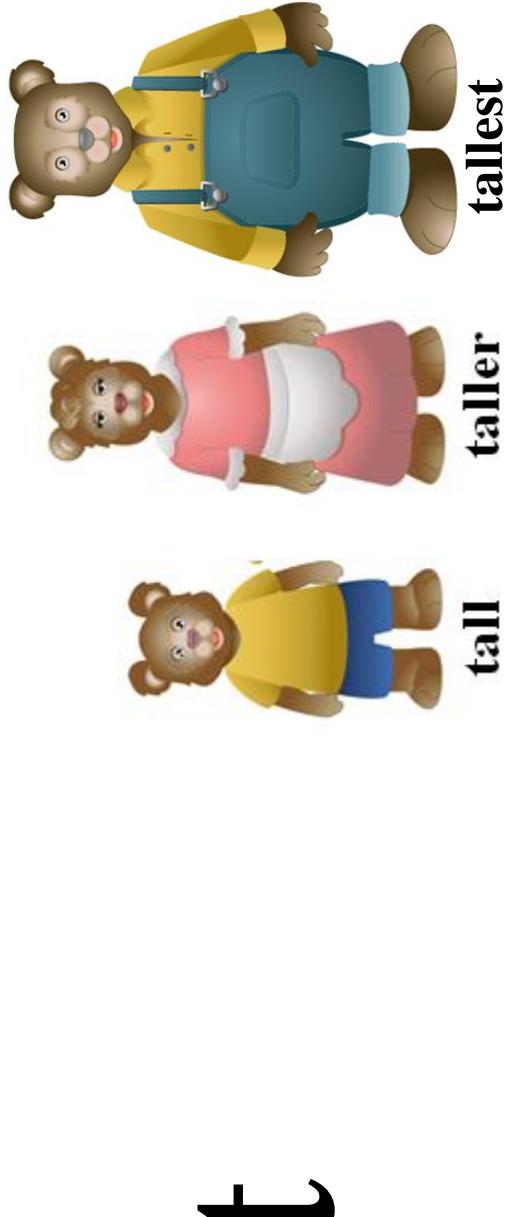
taller

A word used when
comparing the height
of two objects,

tallest

tallest

tallest



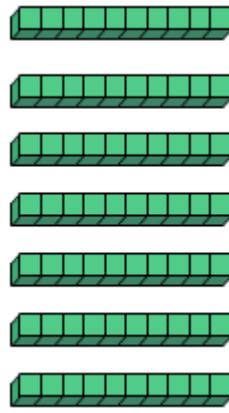
A word used when ordering three or more objects by height.

tens

tens

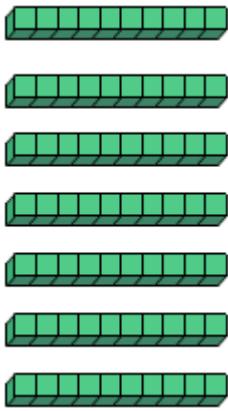
7 tens

70



7 tens

70

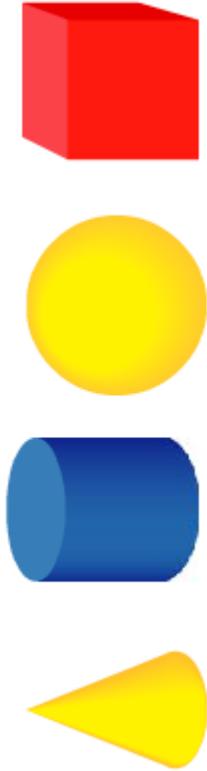


tens

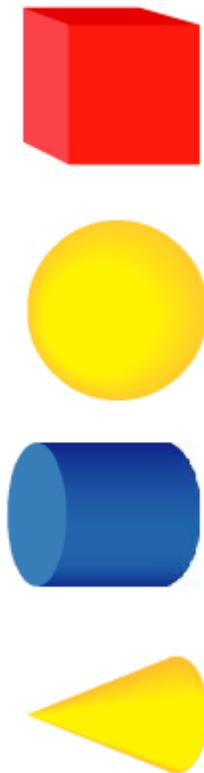
Something with 10 parts or units.

3-dimensional

3-dimensional



A solid shape that has length, width, and height.

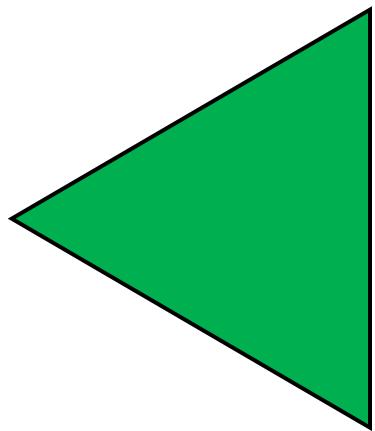
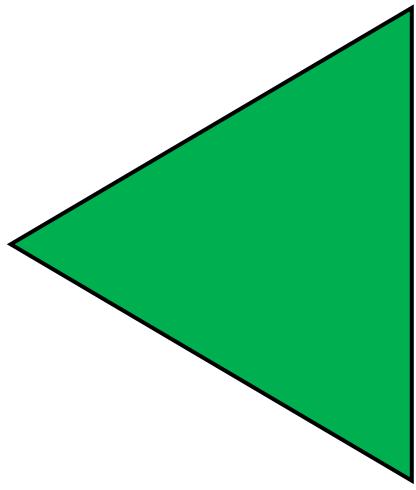


3-dimensional

triangle

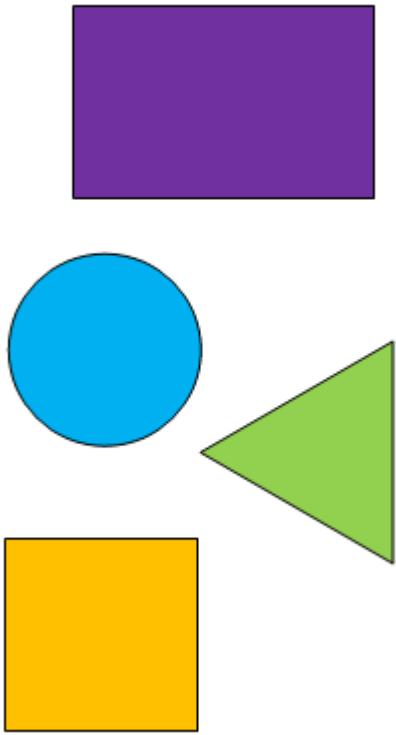
triangle

triangle

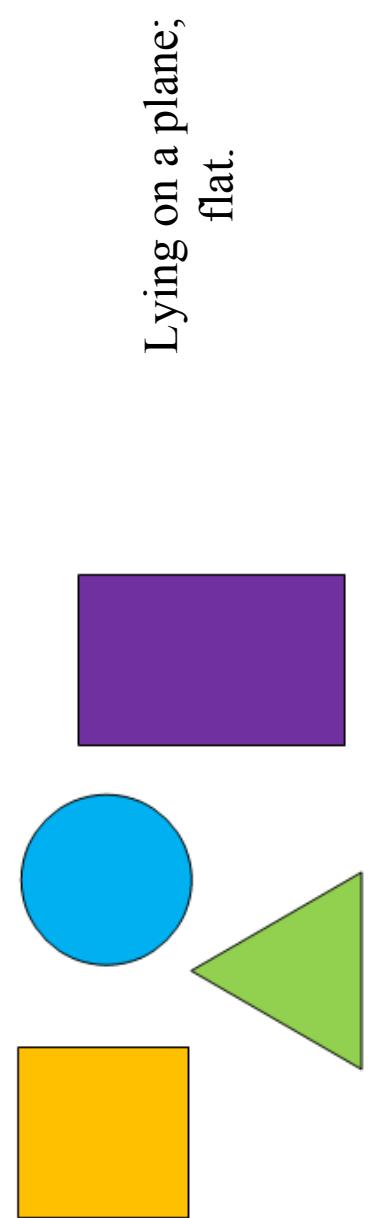


A figure with
3 straight sides.

2-dimensional



2-dimensional

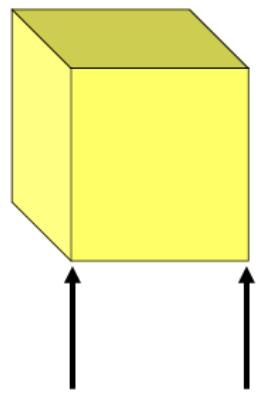
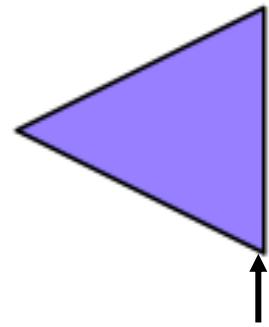


2-dimensional

Lying on a plane;
flat.

vertex

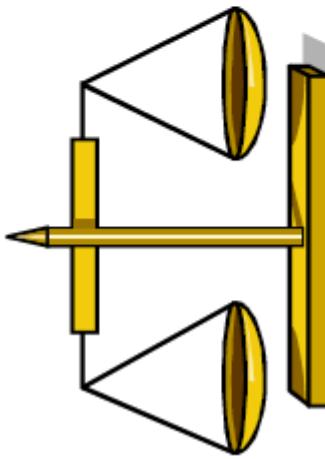
vertex



A corner of a figure.
Vertices are two or
more corners of a
figure.

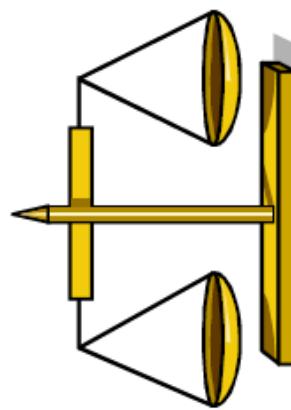
vertex

weight



weight

A measure of how heavy something is.



weight

whole numbers

whole
numbers



whole
numbers



The whole numbers are
0 and the
counting numbers
1, 2, 3, 4, 5, 6,
and so on.

