Vocabulary Cards and Word Walls

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
Math Dictionary, Eula Ewing Monroe, Boyds Mills Press, 2006. ISBN-13: 978-1-59078-413-6
Student Reference Books, Everyday Mathematics, 2007.
Houghton-Mifflin eGlossary, http://www.eduplace.com
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addend

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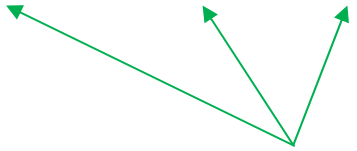
addend

33 + 4.7 + 0.9 = 38.6



addends

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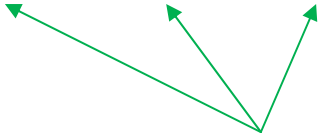
addend

33 + 4.7 + 0.9 = 38.6



addends

Any number being added.

area

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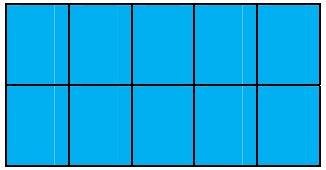
area

2 rows of 5 = 10 square units
or
2 x 5 = 10 square units



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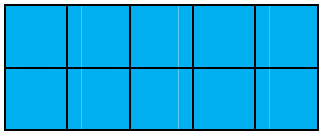
area

2 rows of 5 = 10 square units
or
2 x 5 = 10 square units



The measure, in square units, of the interior region of a 2-dimensional figure or the surface of a 3-dimensional figure.

array

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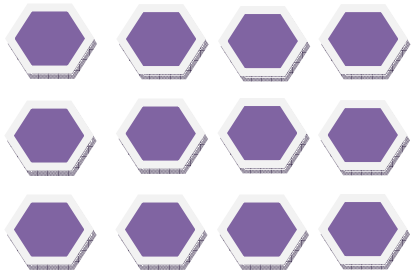
array

3 rows of 4
or
3 x 4



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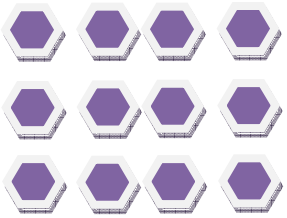
array

3 rows of 4
or
3 x 4



An arrangement of objects in equal rows.

Associative Property of Addition

Associative Property of Addition

$$(5 + 7) + 3 = 5 + (7 + 3)$$
$$12 + 3 = 5 + 10$$
$$15 = 15$$

Associative Property of Addition

$$(5 + 7) + 3 = 5 + (7 + 3)$$
$$12 + 3 = 5 + 10$$
$$15 = 15$$

The sum stays the same when the grouping of addends is changed.
$(a + b) + c = a + (b + c)$, where a, b, and c stand for any real numbers.

Associative Property of Multiplication

Associative Property of Multiplication

$(5 \times 7) \times 3 = 5 \times (7 \times 3)$

$35 \times 3 = 5 \times 21$

$105 = 105$

Associative Property of Multiplication

$(5 \times 7) \times 3 = 5 \times (7 \times 3)$

$35 \times 3 = 5 \times 21$

$105 = 105$

The product stays the same when the grouping of factors is changed. $(a \times b) \times c = a \times (b \times c)$, where a, b, and c stand for any real numbers.

attribute

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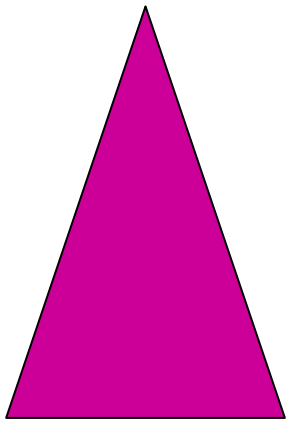
attribute

large

triangle

pink



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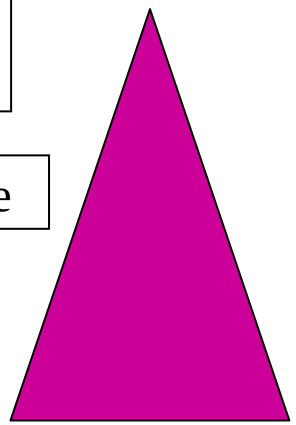
attribute

large

triangle

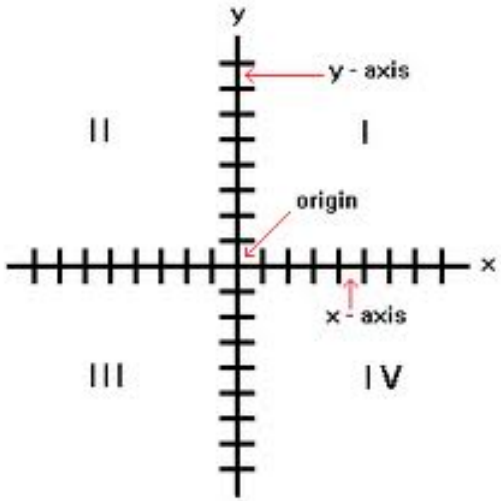
pink



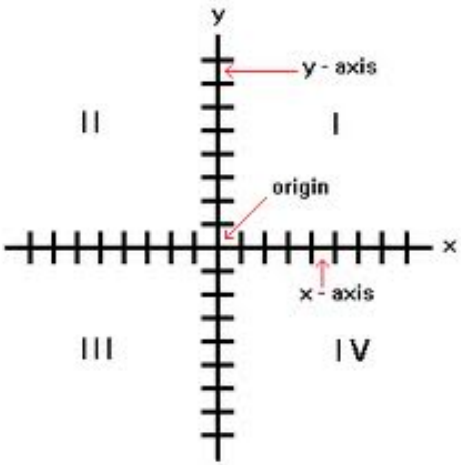
A characteristic.
e.g. size, shape or color

axis

axis



axis



A reference line from which distances or angles are measured in a coordinate grid. (plural – axes)

Commutative Property of Addition

Commutative Property of Addition

$5 + 3 = 3 + 5$

Commutative Property of Addition

$5 + 3 = 3 + 5$

The sum stays the same when the order of the addends is changed. $a + b = b + a$, where a and b are any real numbers.

Commutative Property of Multiplication

Commutative Property of Multiplication

$4 \times 7 = 7 \times 4$

Commutative Property of Multiplication

$4 \times 7 = 7 \times 4$

The product stays the same when the order of the factors is changed. $a \times b = b \times a$, where a and b are any real numbers.

coordinate plane

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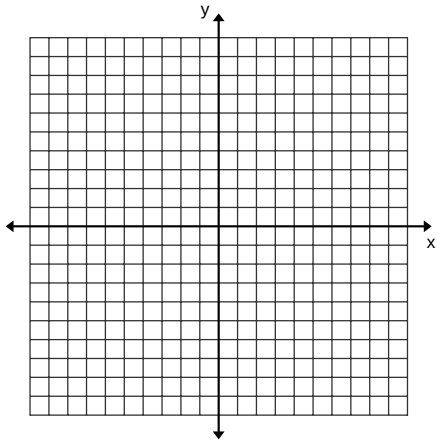
coordinate plane



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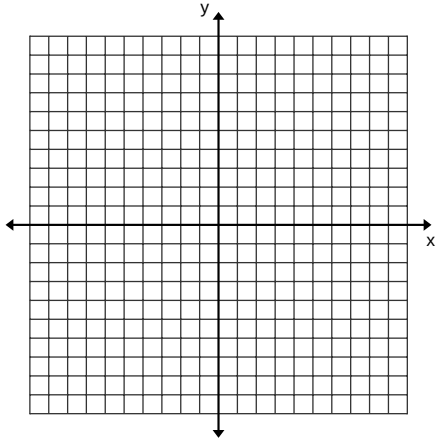
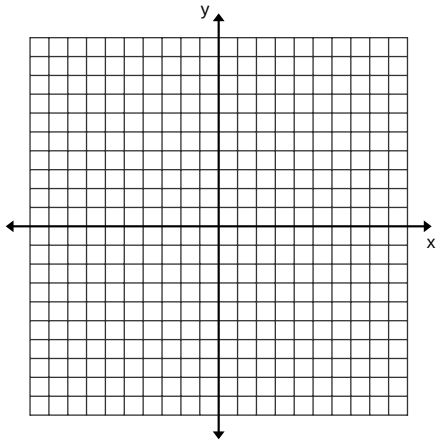
coordinate plane



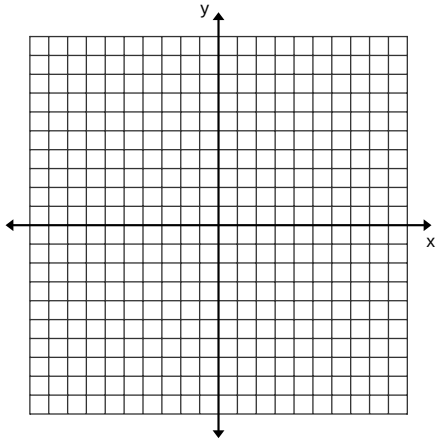
A 2-dimensional system in which the coordinates of a point are its distances from two intersecting, usually perpendicular, straight lines called axes. (Also called coordinate *grid* or coordinate *system*.)

coordinate system

coordinate system



coordinate system



Also known as a coordinate grid. A 2-dimensional system in which the coordinates of a point are its distances from two intersecting, usually perpendicular, straight lines called axes.

coordinates

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coordinates (3,-5)

(*x* , *y*)

---

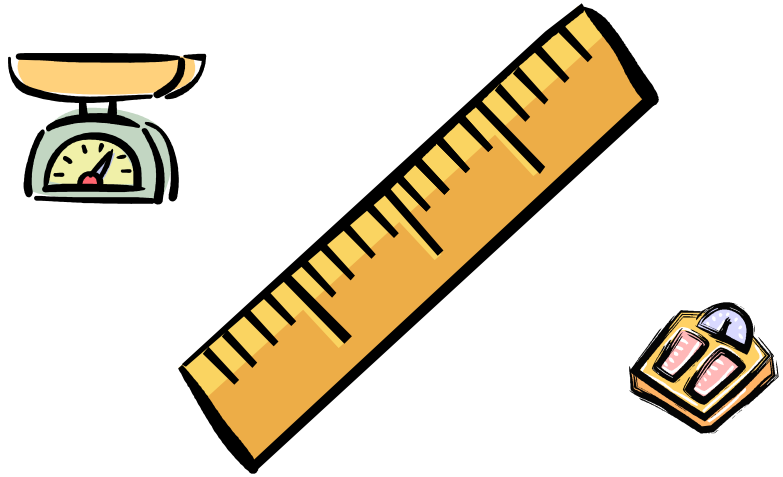
coordinates (3,-5)

(*x* , *y*)

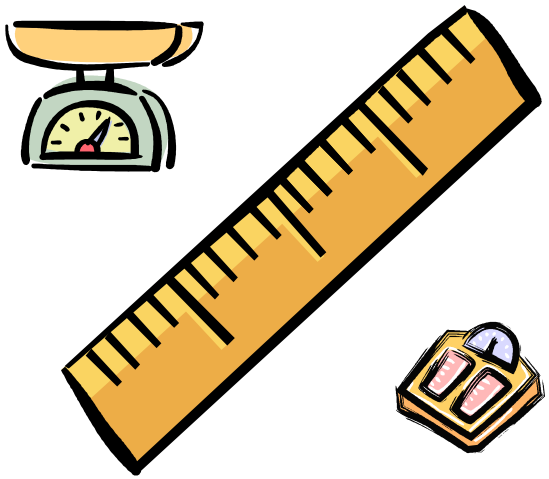
An ordered pair of numbers that identify a point on a coordinate plane.

customary system

customary system



customary system



A system of measurement used in the U.S. The system includes units for measuring length, capacity, and weight.

decompose

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decompose

Example: 342

342 = (3 x 100) + (4 x 10) + (2 x 1)

---

decompose

Example: 342

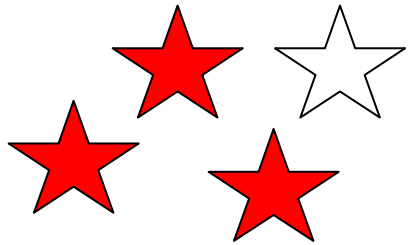
342 = (3 x 100) + (4 x 10) + (2 x 1)

To separate into components or basic elements.

denominator

denominator

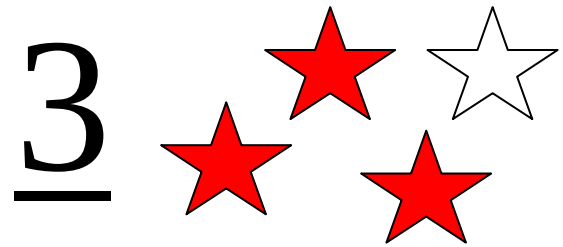
$\frac{3}{4}$



denominator

denominator

$\frac{3}{4}$



denominator

The quantity below the line in a fraction. It tells the number of equal parts into which a whole is divided.

difference

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difference

49.75 – 13.9 = 35.85

difference

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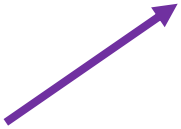
difference

49.75 – 13.9 = 35.85



difference

The amount that remains after one quantity is subtracted from another.

dividend

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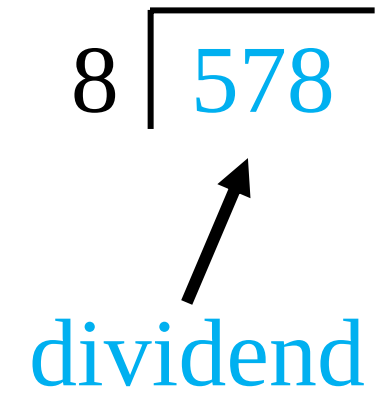
dividend



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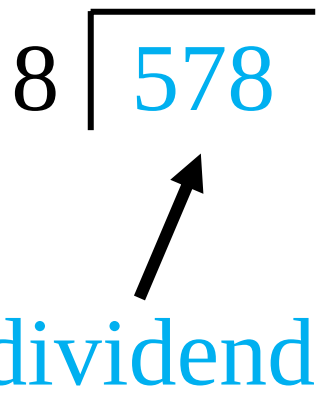
dividend



A quantity to be divided.

divisor

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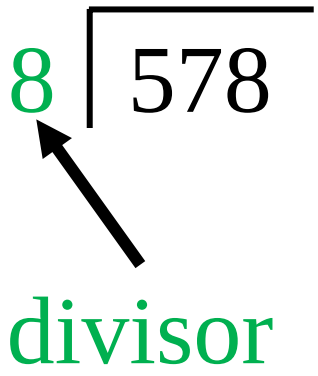
divisor



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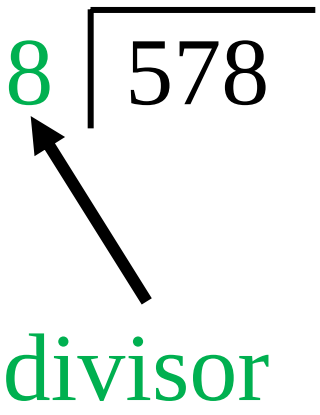
divisor



The quantity by which another quantity is to be divided.

equation

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equation $9 \times 3 = 20 + 7$

---

equation $9 \times 3 = 20 + 7$

A statement that two mathematical expressions are equal.

evaluate

---

evaluate

$42 - 13 = n$

$n = 29$

---

evaluate

$42 - 13 = n$

$n = 29$

To find the value of a mathematical expression.

expression

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expression $5x + 3$

---

expression $5x + 3$

A variable or combination of variables, numbers, and symbols that represents a mathematical relationship.

factor

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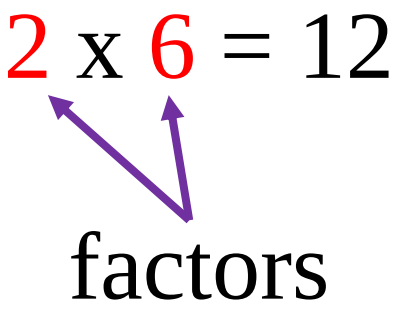
factor



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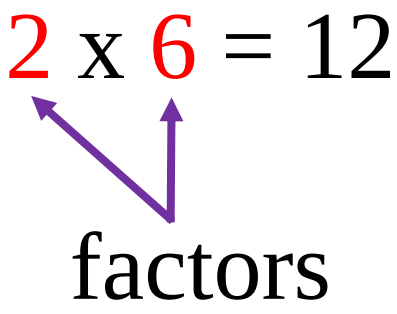
factor



An integer that divides evenly into another.

finite decimal

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finite decimal

Example:

0.25

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finite decimal

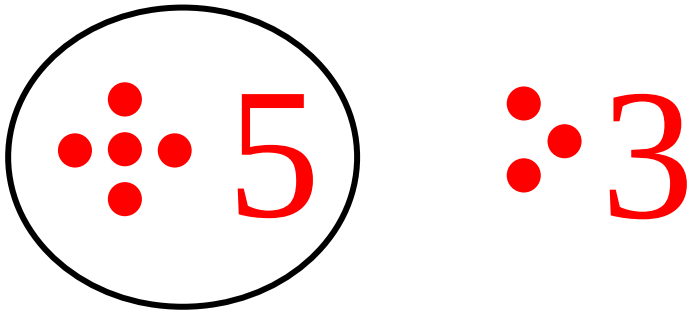
Example:

0.25

A decimal that contains a terminating number of digits. (Also called a *terminating decimal*.)

greater than

greater than



5 > 3

greater than

5 > 3

Greater than is used to compare two numbers when the first number is larger than the second number.

intersect

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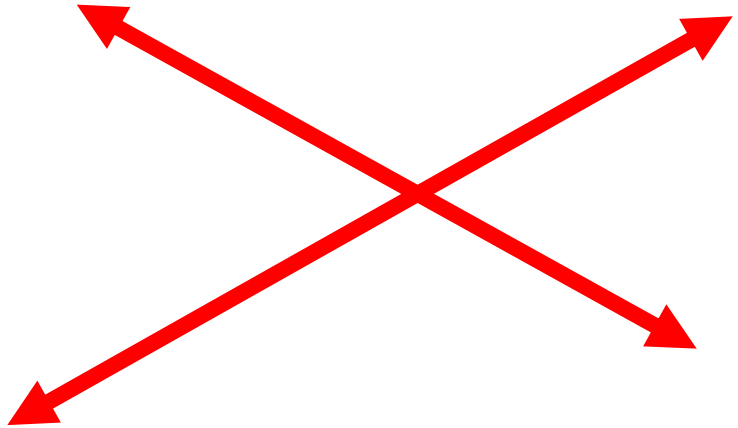
intersect



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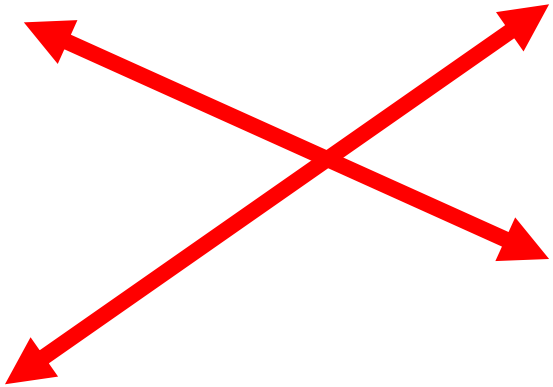
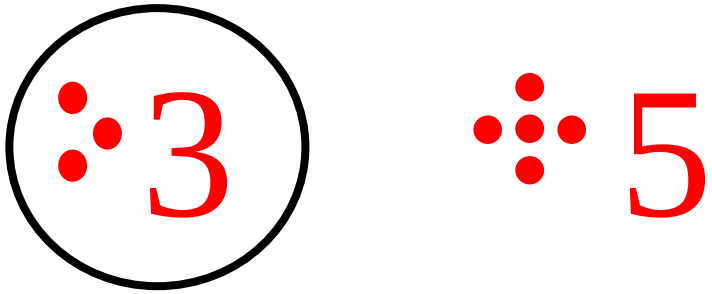
intersect



To meet or cross.

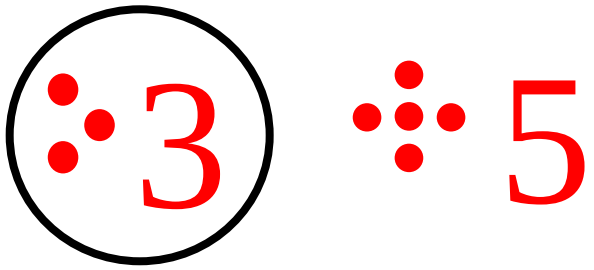
less than

less than



$3 < 5$

less than

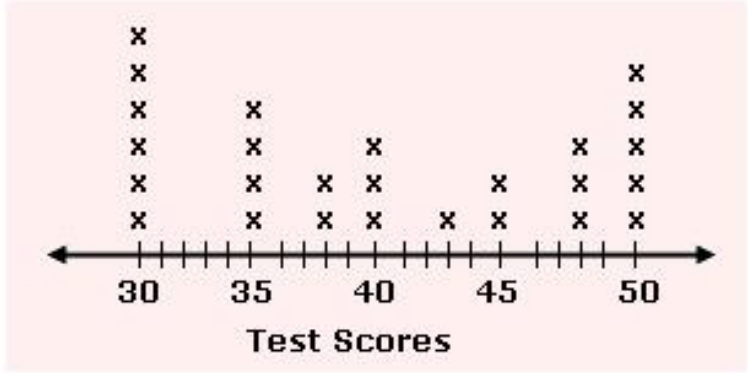


$3 < 5$

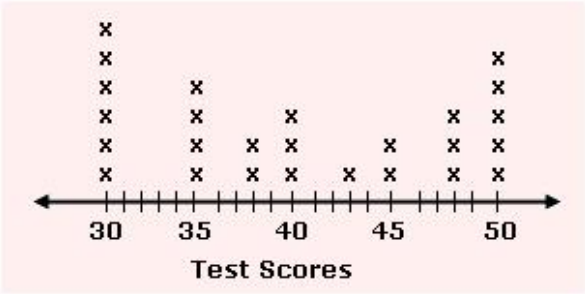
Less than is used to compare two numbers when the first number is smaller than the second number.

line plot

line plot



line plot



A diagram showing frequency of data on a number line.