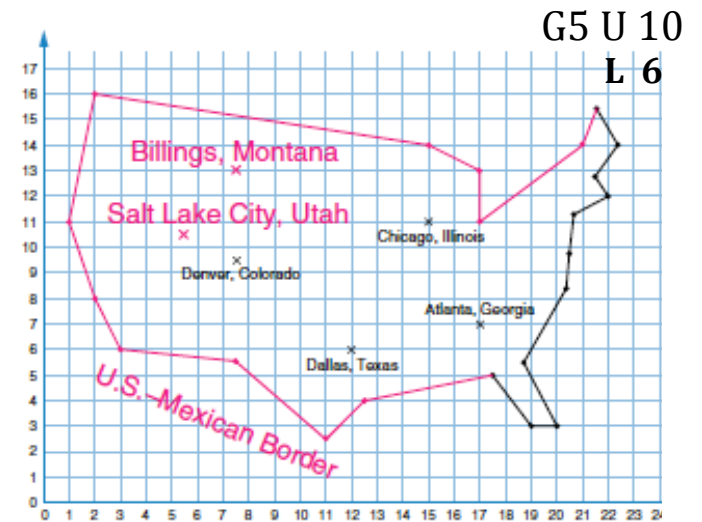


# Ordered Numbered Pairs

Walk before you climb.

Chicago is  
located at  
15, 11.

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# Variable

A letter or symbol  
that represents a  
number

$$7 + n = 10$$

*n* represents 3

# Ratio Comparison

Comparing the ratios of the same two  
measurements on different items.

Compare the side/perimeter ratios of several squares.

# Equivalent Rate *or* Ratio

$$\text{Drive } \frac{60 \text{ miles}}{1 \text{ hour}} = \frac{1 \text{ mile}}{1 \text{ minute}} \quad \text{Read } \frac{12 \text{ pages}}{4 \text{ minutes}} = \frac{?}{Y}$$

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## Rate

a **comparison** by  
division of two  
quantities with  
**different units.**

miles **per** hour  $60/1$

books read **per** month  $4/1$

cups of milk **per** pounds of flour  $7/1$

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# Predict

Say that a specific thing will or will not happen.



G5 U 10  
L 5

I predict it will rain.

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$\pi$       *pi*      3.14

Ratio between the  
circumference and  
diameter C/D

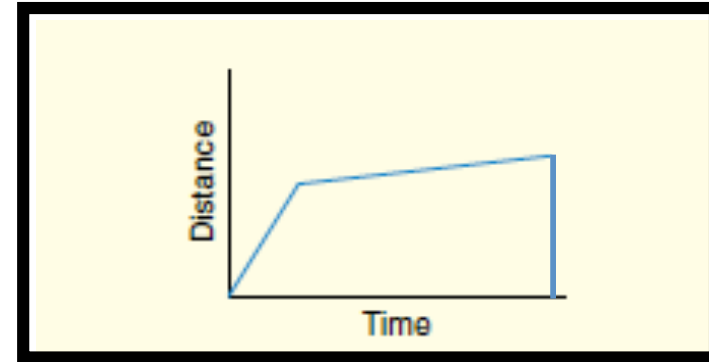
Should be  
thought of as  
about 3.

G5 U 10  
L 8

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# Mystery Graph

a visual representation  
of a situation

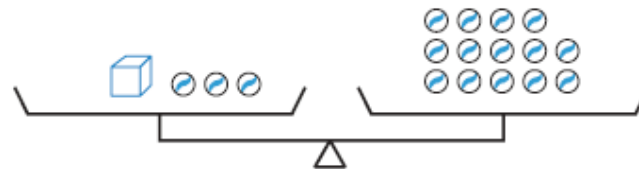


G5 U 10  
L 7

What could be the situation here  
for a runner?

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# Pan Balance



G5 U 10  
L 1

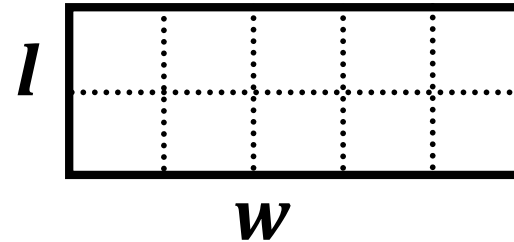
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# Formula

A general rule for finding the value of something

Often, variables stand in for quantities involved. <sup>G5 U 10</sup>  
L 4

$$A = l * w$$

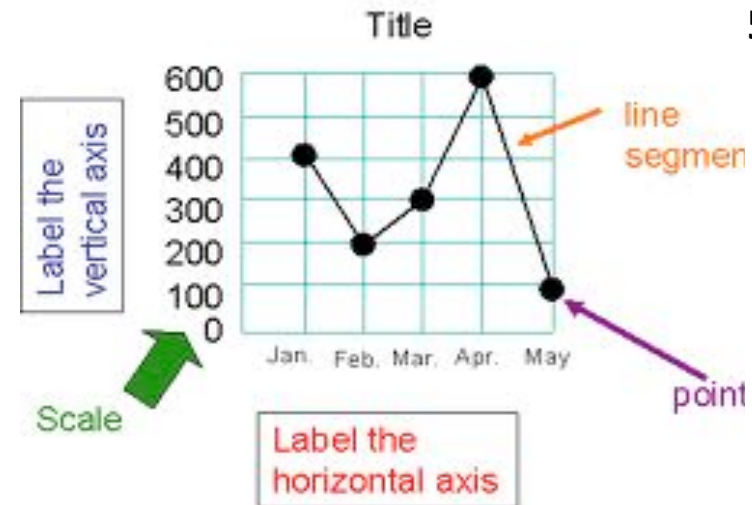


The area is 10 squares

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# Line Graph

points connected by line segments  
also Broken Line Graph



5 U 10  
L 4

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# Geyser

**an underground hot spring in which water boils until it builds enough pressure to erupt in a big fountain**

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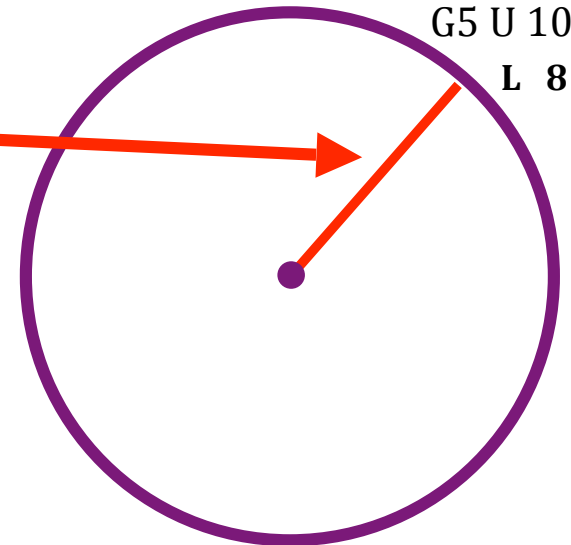
G5 U 10  
L 5

# Radius

**any line segment from the center of a circle to the circle**

**More than 1: radii**

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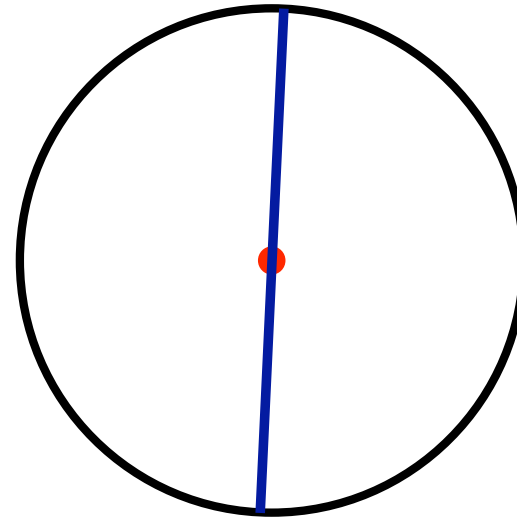


G5 U 10  
L 8

# Diameter

any line segment that passes **through the center** of a circle and has **endpoints on the circle**

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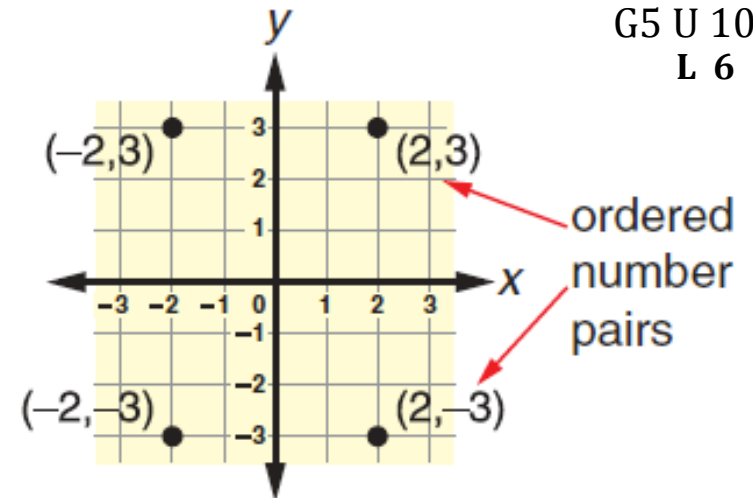
G5 U 10  
L 8

Look! A **diameter** divides the circle into **2 big Ds**.

# Coordinate

**1 of 2 numbers in an ordered pair that locates a point on a coordinate grid**

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# Algebraic Expression

any expression that **contains a variable**

$$3n$$

$$4x + 5t$$

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# Circumference

the distance around a  
circle *or*  
the **perimeter** of a circle



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