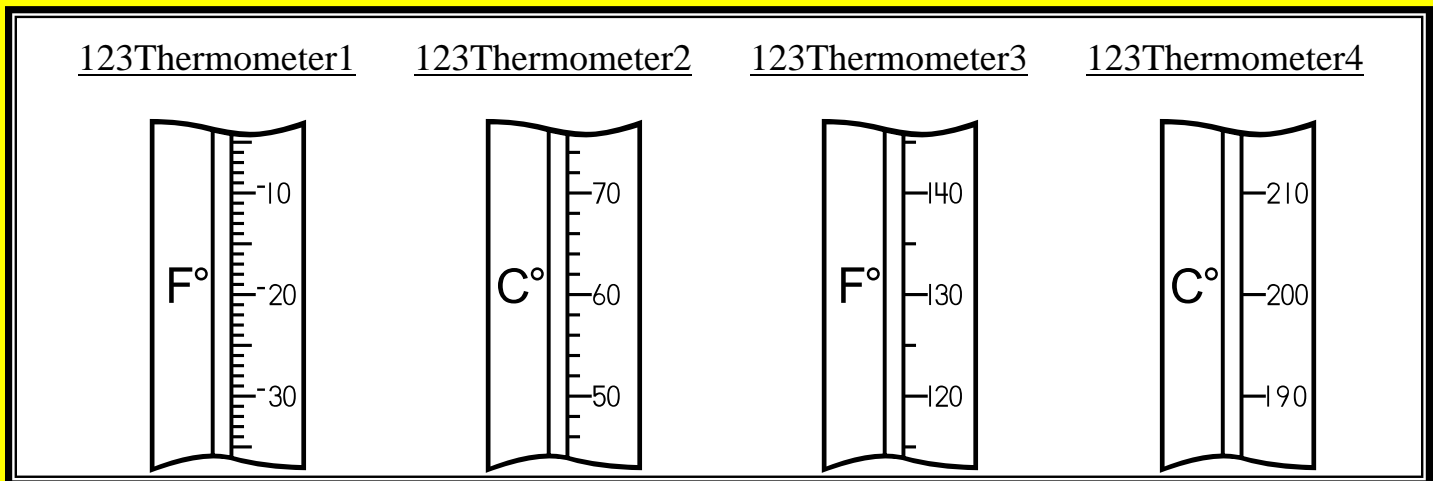


Thermometers

How do they work?

First, select one of the 4 thermometer fonts. All 4 fonts offer both Fahrenheit and Celsius scales. Each font represents thermometers that are divided by specific increments (by 1, 2, 5 or 10).

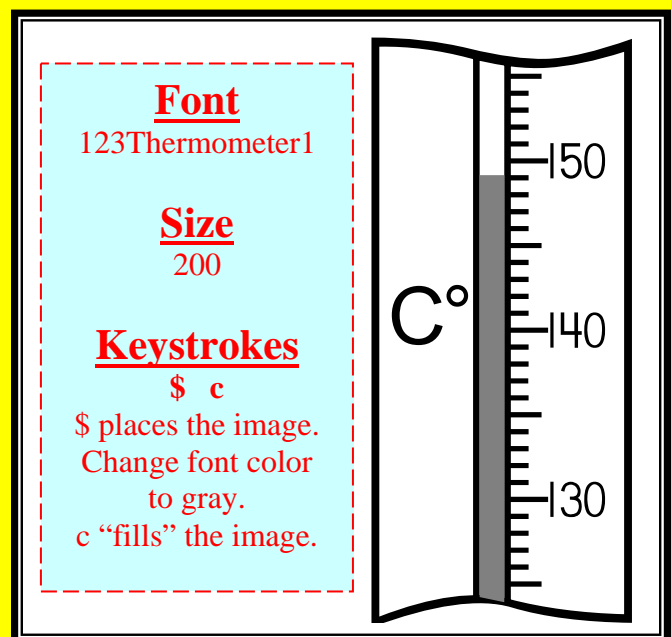
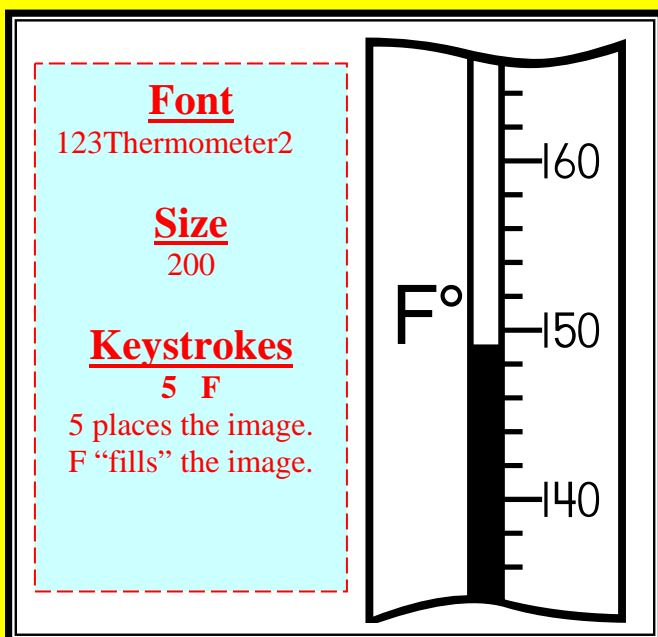
The temperatures available range from -30° to 230 °.



Once you have selected a font, adjust it to a desired size.

Press the key that corresponds to the thermometer you want.

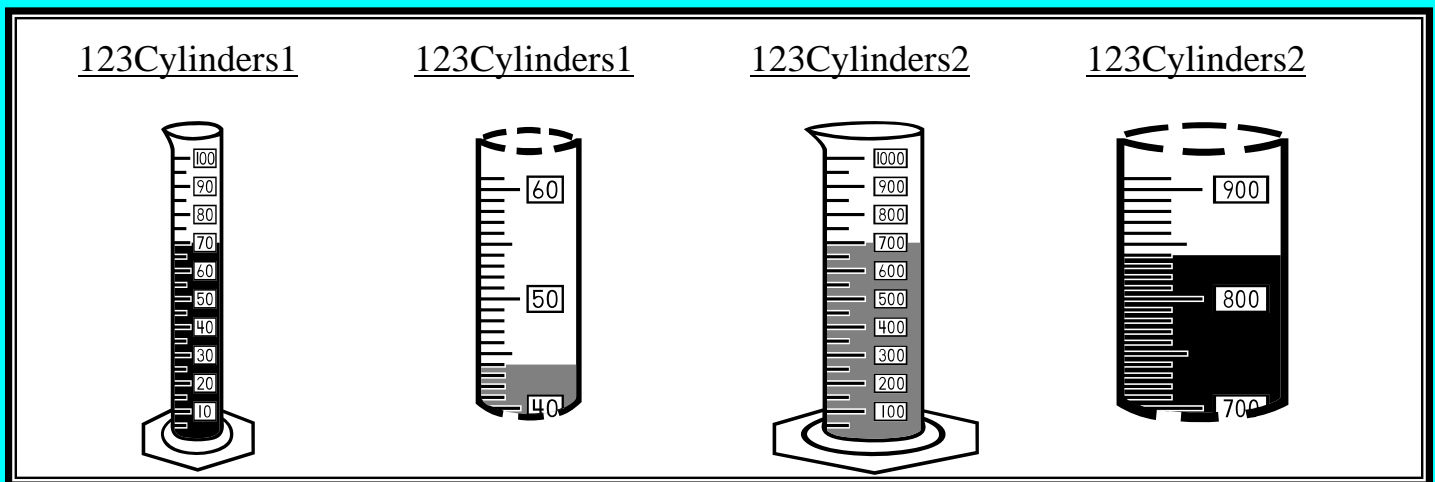
Then press another key to “fill” the thermometer. If you desire, you can change the color of the “liquid” before you type it in.



Graduated Cylinders

How do they work?

First, select one of the 2 cylinder fonts. One of the fonts represents a 100-milliliter cylinder, while the other represents a 1000-milliliter cylinder. Both fonts contain an image of a complete cylinder, as well as a variety of “close-up” views of portions of a cylinder. The complete cylinders, as well as the portions, can be “filled”.



Once you have selected a font, adjust it to a desired size. Press the key that corresponds to the cylinder you want. Then press another key to “fill” the cylinder. If you desire, you can change the color of the “liquid” before you type it in.

Font
123Cylinders1

Size
200

Keystrokes
e j
e places the image.
j “fills” the image.

Font
123Cylinders2

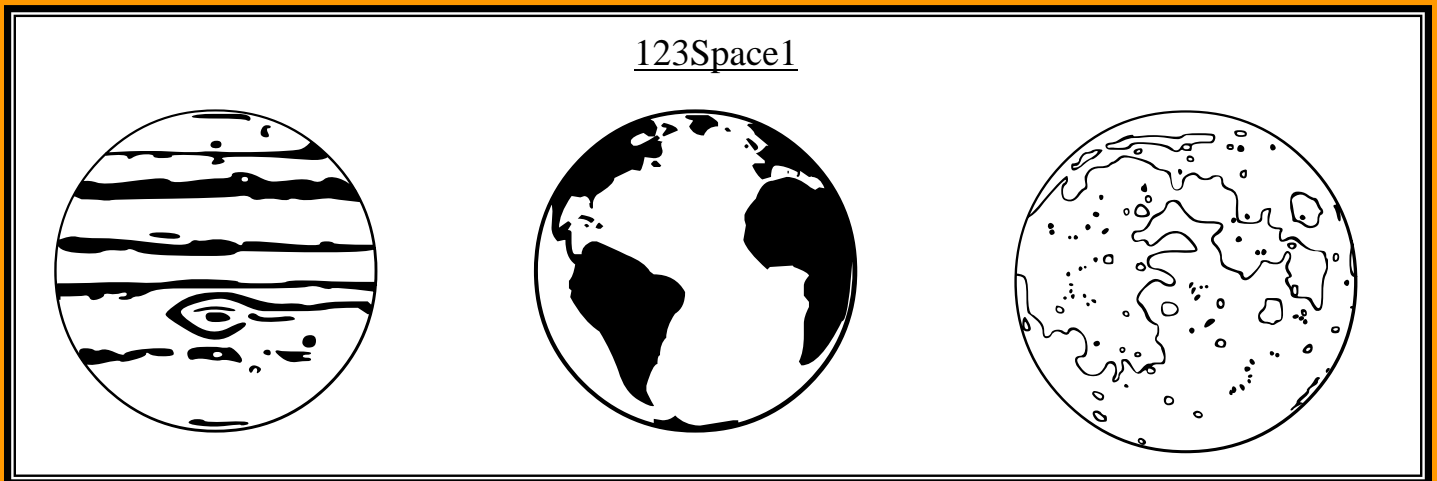
Size
200

Keystrokes
[B
[places the image.
Change font color to gray.
B “fills” the image.

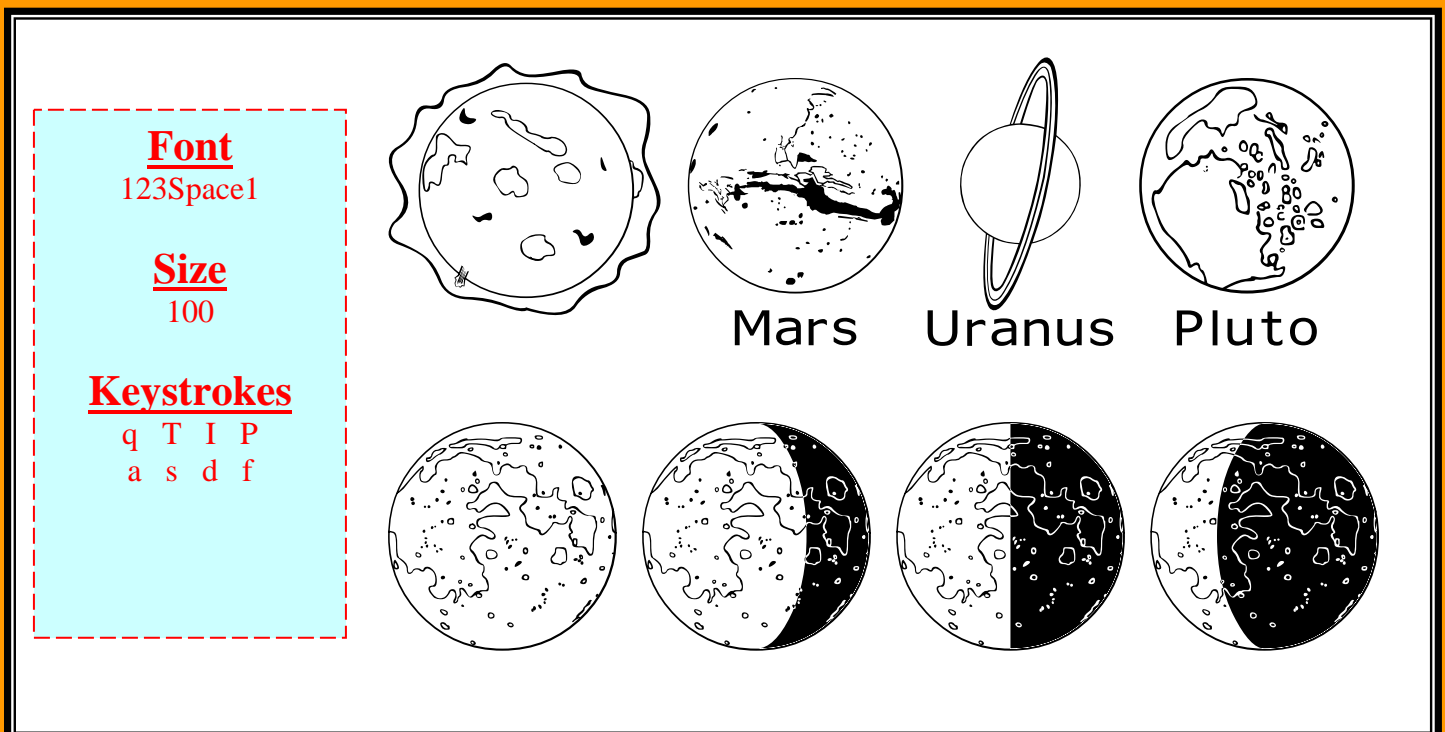
Space

How does it work?

The only space font currently available features the planets and the phases of the Earth's moon. Images of the planets can be found on the top row of lower-case keys, while images with the names of the planets can be found on the upper-case keys.



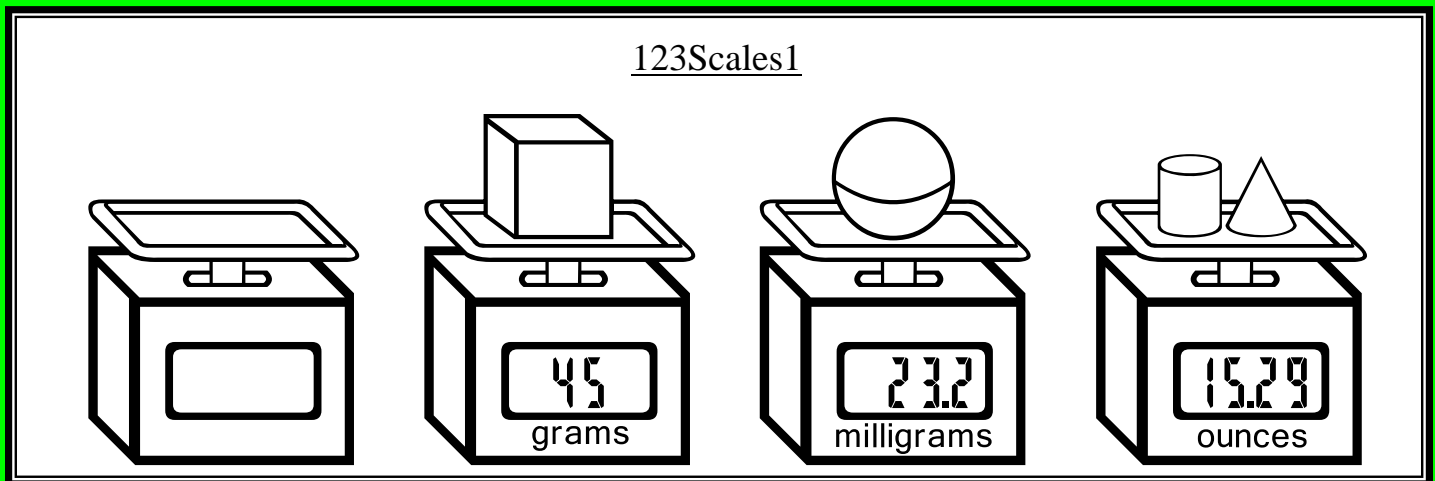
Future space fonts will include the major moons of the solar system and constellations.



Digital Scales

How do they work?

The digital scales font is one of the simplest specialty fonts to use. It offers images of digital scales with a variety of objects placed on the pan. The scales are labeled as milligrams, grams, kilograms, ounces and pounds.



Once you have selected the font, adjust it to a desired size.

Press the key that corresponds to the scale you want.

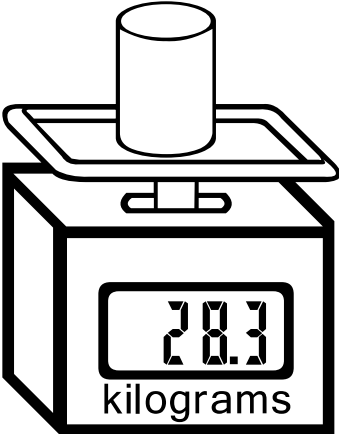
Then press the number keys to enter the weight/mass into the scale.

Decimal points can be added with the ' or [keys.

Font
123Scales1

Size
150

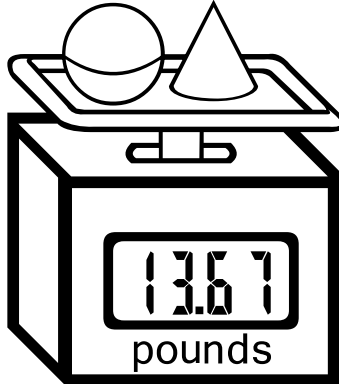
Keystrokes
G (space) 2 8 ' 3
G places the image.
(space) 28'3
place the numbers into the scale.



Font
123Scales1

Size
150

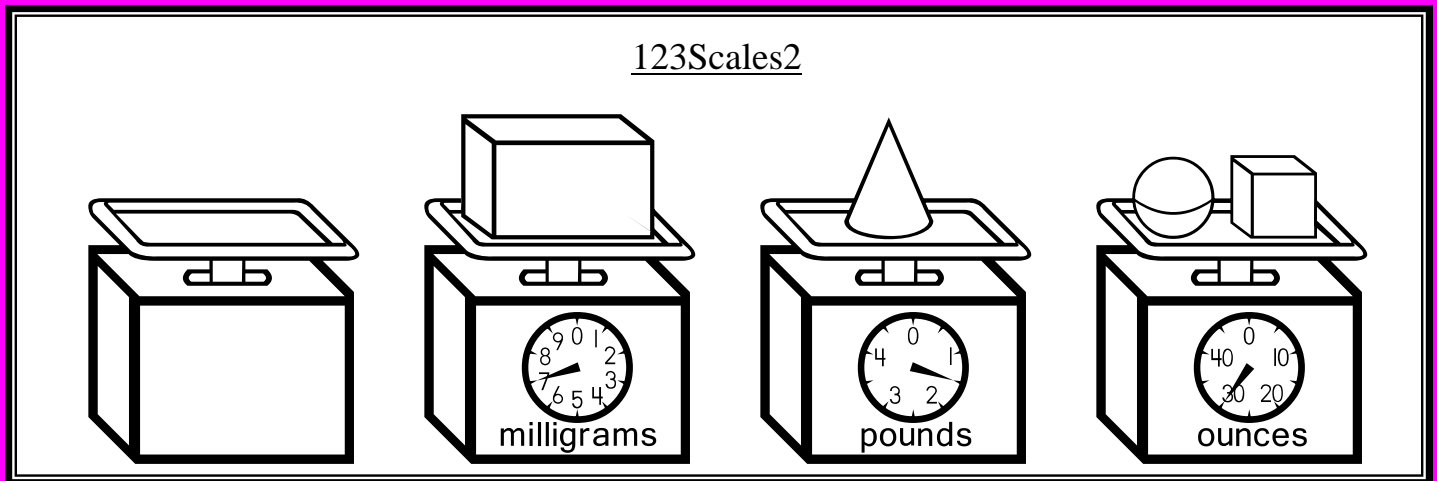
Keystrokes
? 1 3 ' 6 7
? places the image.
1 3 ' 6 7 place the numbers into the scale.



Analog Scales

How do they work?

The analog scales font provides scale images with customizable faces. 3 keystrokes are required to create a complete scale. The scales are labeled as milligrams, grams, kilograms, ounces and pounds.



Once you have selected the font, adjust it to a desired size.

Press the key that corresponds to the scale you want.

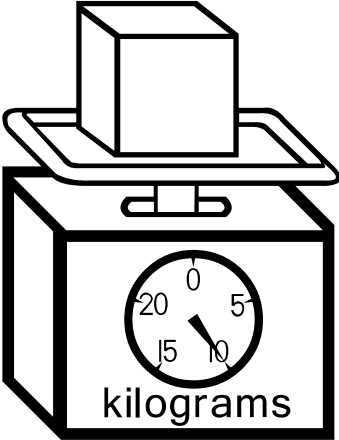
Press one of the number keys to place an analog face on the scale.

Then press “shift” with a number to place a hand in 1 of 10 positions.

Font
123Scales2

Size
150

Keystrokes
S 4 \$
S places the image.
4 places the face.
\$ places the hand.

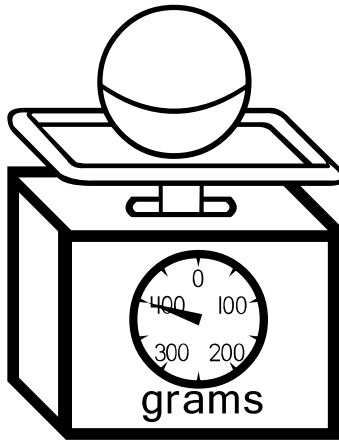


The image shows an analog scale icon with a rectangular weight on top. The dial is labeled 'kilograms' and has markings at 0, 5, 10, 15, and 20. The hand is positioned at approximately 12.

Font
123Scales2

Size
150

Keystrokes
f 7 *
f places the image.
7 places the face.
* places the hand.

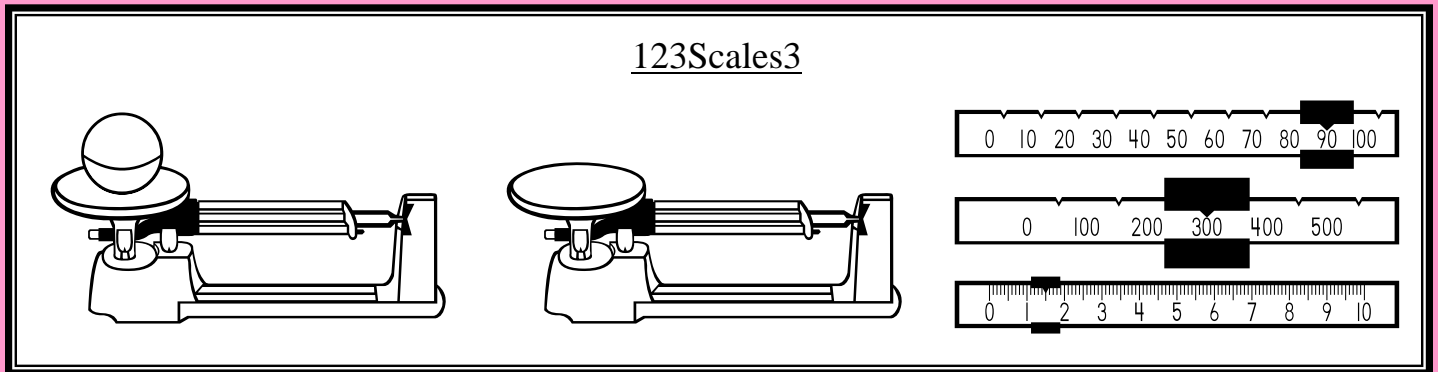


The image shows an analog scale icon with a spherical weight on top. The dial is labeled 'grams' and has markings at 0, 100, 200, 300, and 400. The hand is positioned at approximately 150.

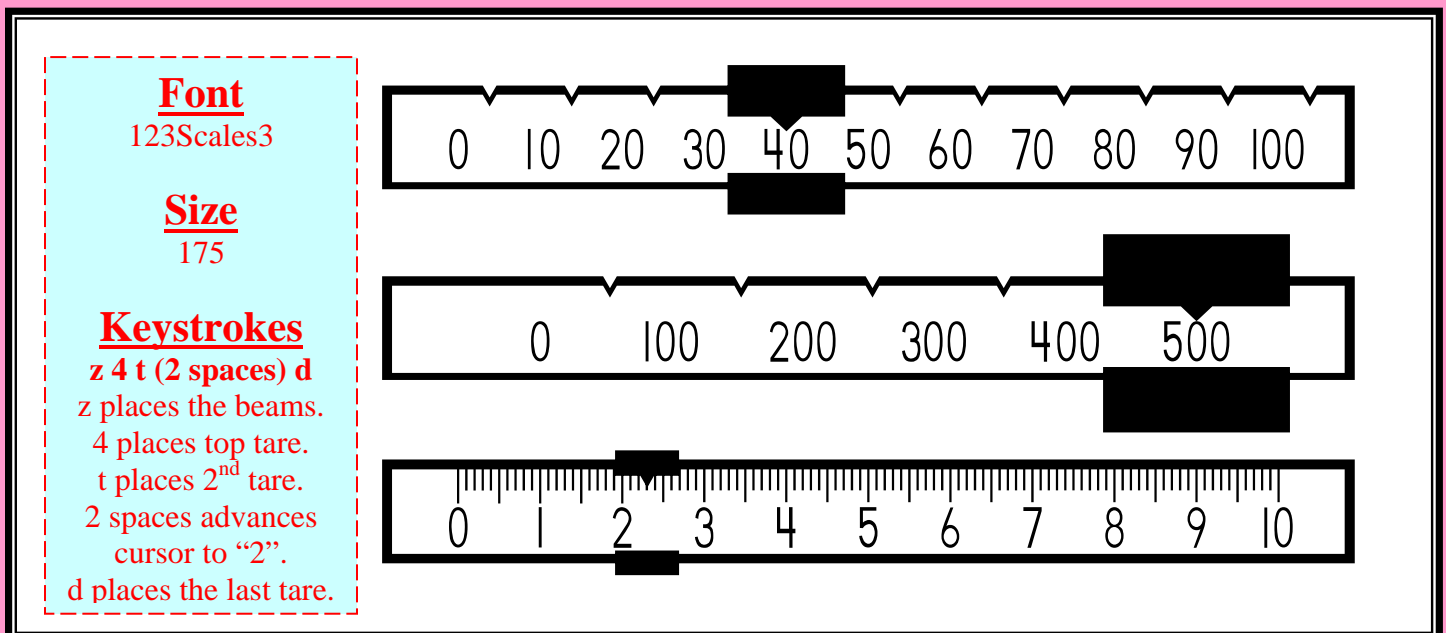
Triple Beam Balance

How does it work?

This font offers images of triple beam balances with a variety of objects placed on the pan. A completely customizable close-up of the beams is also available. The tares (weights) can be placed anywhere on the close-up image.



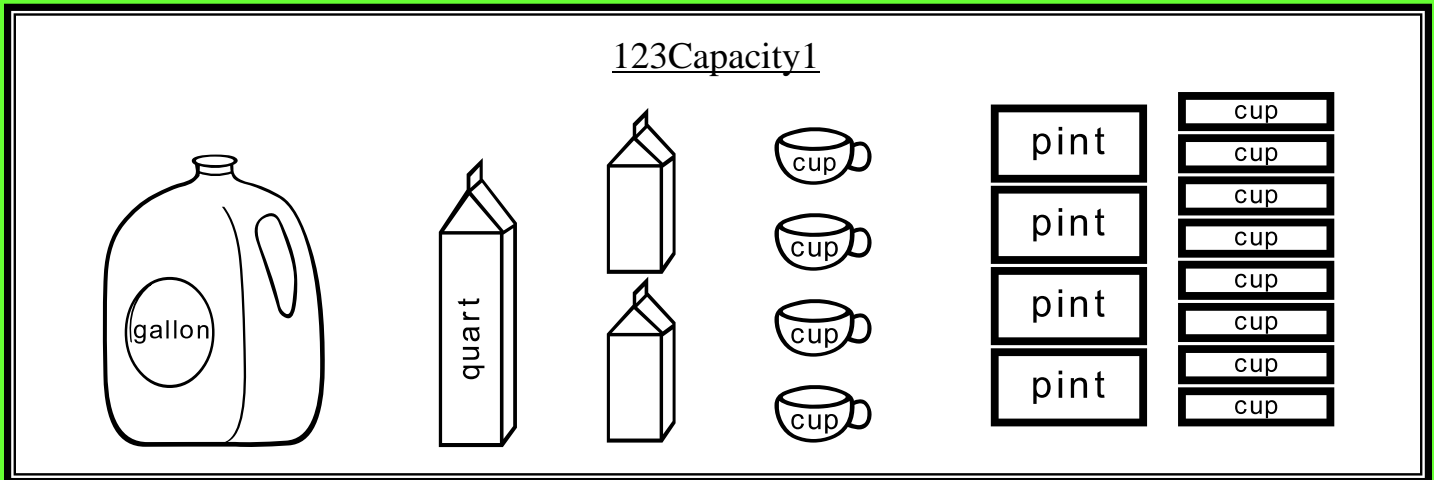
To use the triple beam, first select the font and adjust the size. Press “z” to place the beams. The top tare can be placed with the top row of keys (number keys), the middle tare can be placed with the next row of keys (qwerty), and the last tare can be placed with the 3rd row of keys (asdf...). The spacebar can be used to advance the cursor on the 3rd beam so that the 0.1 gram tare can be placed at any position on the last beam.



Capacity

How does it work?

The capacity font provides images of a variety of customary units. It also includes rectangular pieces that can be used to compare customary units and create a “gallon person”.



Once you have selected the font, adjust it to a desired size. Labeled units are found on the lowercase keys, while unlabeled pieces are located on the uppercase keys.

Font
123Capacity1

Size
150

Keystrokes
y p
y places the 2 pints.
p places the 4 cups.

Font
123Capacity1

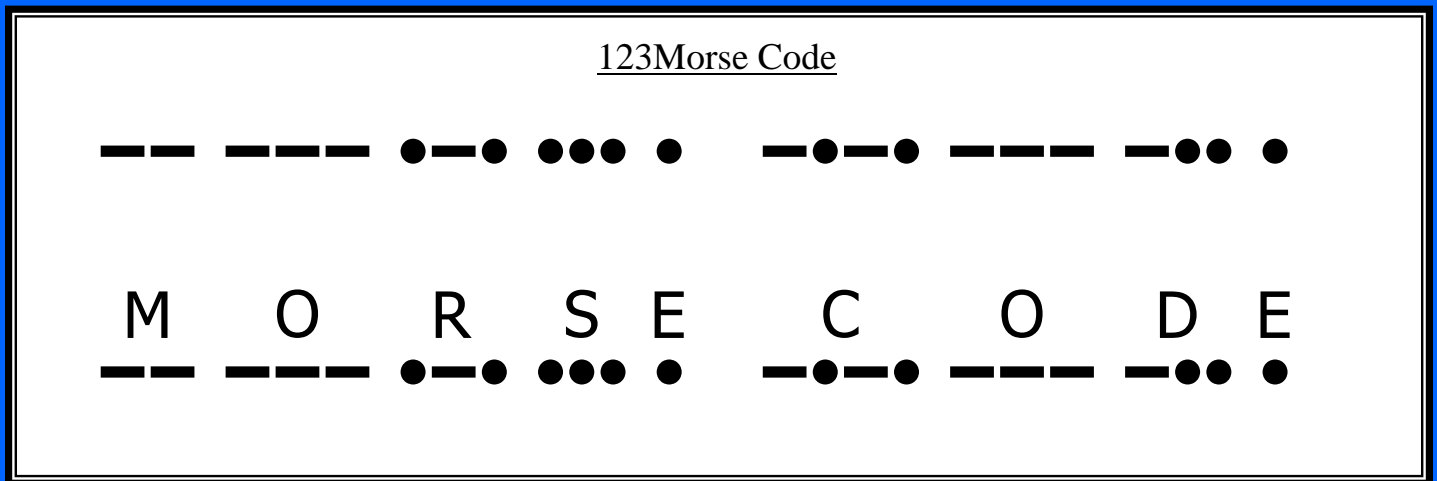
Size
125

Keystroke
; ;
; places the image of the entire “gallon person”.

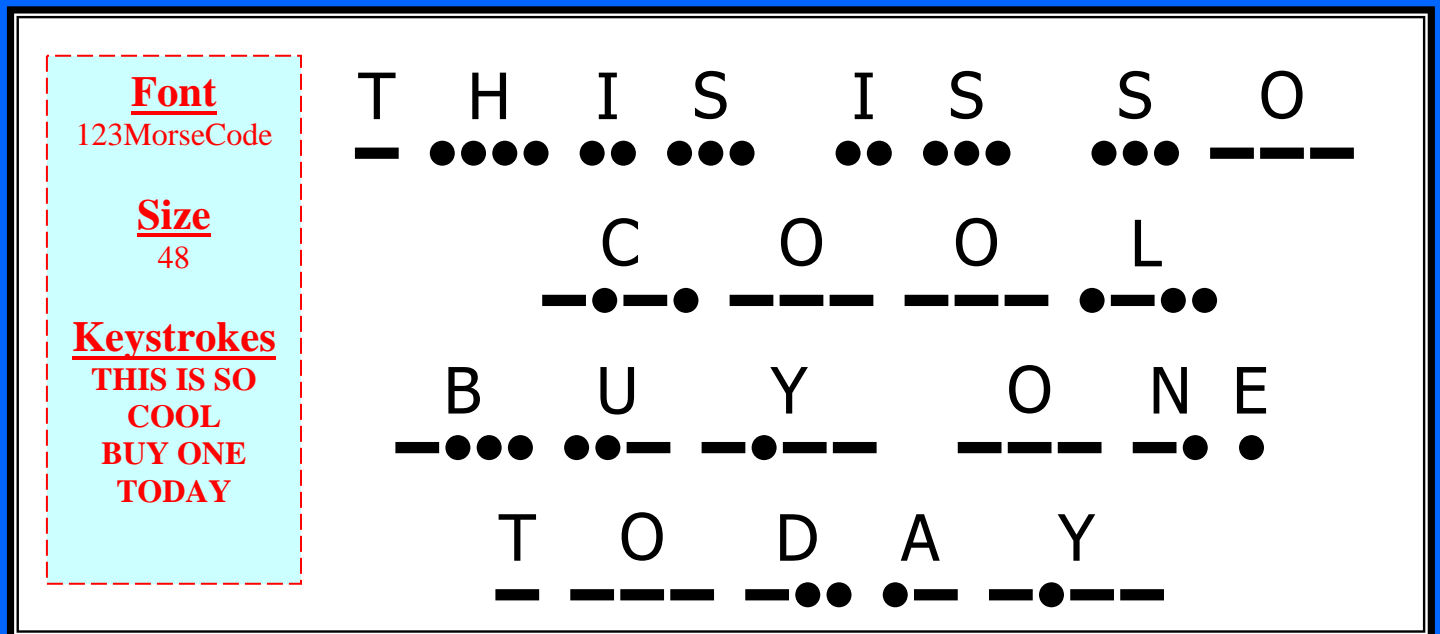
Morse Code

How does it work?

The Morse Code font provides most of the symbols associated with the International Morse Code.



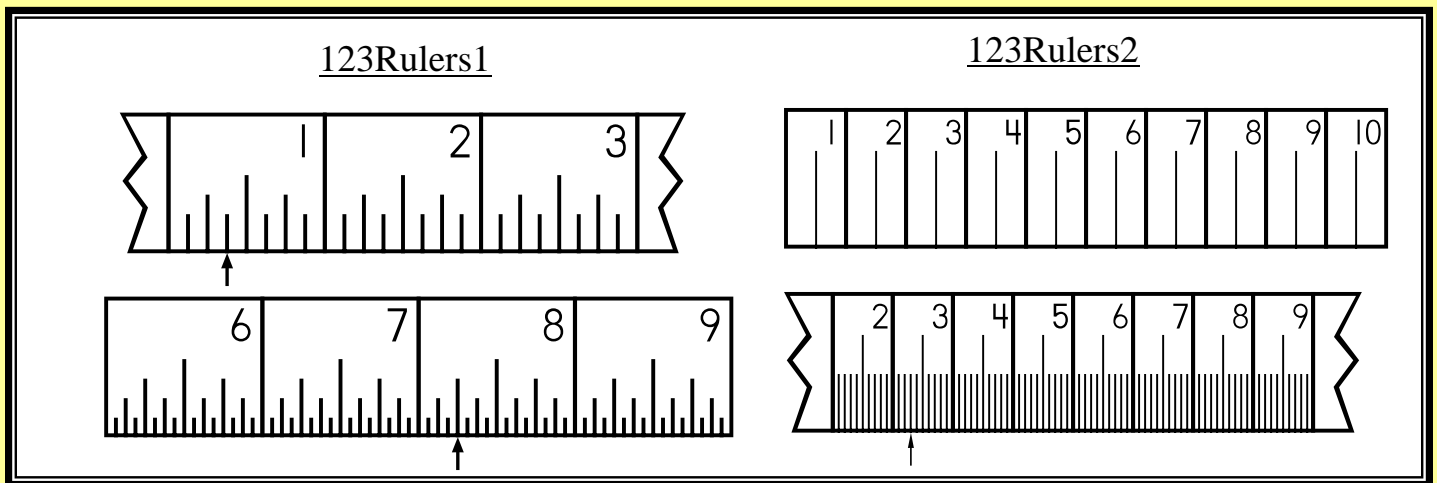
The lowercase keys contain Morse Code symbols. The uppercase keys (for numbers and letters) contain the Morse Code symbols with labels.



Rulers

How do they work?

There are 2 ruler fonts, one that is customary and another that is metric. Each ruler can be represented in a variety of subdivisions. Customary can show inches by wholes, halves, fourths, eighths and sixteenths. The metric ruler can show centimeters by wholes, halves, and tenths. Arrows can be placed to point to any division.



First select one of the fonts, then adjust it to a desired size. Press the keys that represent the ruler portions that you want to show. The portions will be connected. The arrows are located on the bottom row of keys and can be placed at any increment.

Font
123Rulers1

Size
110

Keystrokes
] s d v f \
] = "end" piece
s = 2 piece
d = 3 piece
v = arrow
f = 4 piece
\
= "end" piece

The diagram shows a ruler font with markings for 2, 3, and 4 inches. An arrow points to a specific division on the bottom row of keys.

Test Bubbles

How does it work?

The Testing font is extremely helpful in creating answer sheets for multiple-choice tests. It is also an excellent tool in preparing students in the mechanics of taking a standardized test.

123Testing			
1) (A) (B) (C) (D)	(A) (I) (I) (S) (T) (A) (N) (D) (A) (R) (D)	(0)	(0)
2) (F) (G) (H) (J)	(L) (E) (T) (T) (E) (R) (S) (,)	(1)	(1)
3) (A) (B) (C) (D)	(N) (U) (M) (B) (E) (R) (S) (A) (N) (D)	(2)	(2)
4) (F) (G) (H) (J)	(S) (Y) (M) (B) (O) (L) (S) (A) (R) (E)	(3)	(3)
5) (A) (B) (C) (D)	(A) (V) (A) (I) (L) (A) (B) (L) (E) (.)	(4)	(4)
6) (F) (G) (H) (J)		(5)	(5)
		(6)	(6)
		(7)	(7)
		(8)	(8)
		(9)	(9)

Simply choose the 123Testing font and type the letter, number or symbol that you want. It will appear on your document within a bubble. Tables can be used to create gridable items. Many teachers find that using a hole-punch to create an answer key is an extremely efficient time-saver.

Font 123Testing	(1) (2) (3)
Size 36	(S) (c) (i) (e) (n) (c) (e)
Keystrokes 123 Science Fonts Rocks!	(F) (o) (n) (t) (s)
	(R) (o) (c) (k) (s) (!)