

TASTY SWASH RECIPES
FOR YOUR TYPOGRAPHIC PALATE

## **APPETIZERS**

HIS "СООКВООК" will tell you how Stylistic Sets and other features work in Bookmania, giving you complete access to its crazy cornucopia of characters. Let's get cooking!

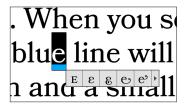
OOKMANIA CONTAINS 685 swash, alternate, and ligatured characters. If you include accented characters, the total comes to 2,505! How in the world, you might ask, could you possibly utilize them? Unfortunately, you can't type them directly from you keyboard. But there are ways.

Sadly, you can't access swashes or alternate characters in all apps. Most design, graphics, and word processing apps do allow it, but animation, video, spreadsheet, and presentation apps often don't. You can work around this problem by inserting an image created in a graphics app such as Photoshop or Illustrator.

HE SIMPLEST is with a *glyph* palette, which is available in some apps, such as Adobe InDesign, Photoshop, and Illustrator. With a glyph palette, all characters in a font are displayed in a table. To insert one into your text, just double-click it.

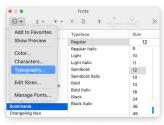


DOBE APPS also have a special feature for using alternate characters. If you select one or more characters, a blue line will appear along the bottom of the selection and a



small pop-up menu containing a table of alternate characters or a list of OpenType features will appear, if any exist. This is in some ways even simpler than the glyph palette, but may not show all possibilities. Clicking on the little arrow takes you to a full selection in the glyph palette.

F YOUR APP does not have these features, you may be able to use *Stylistic Sets*. When applied to characters, these select different character variations. Some access to Stylistic Sets can be found in Microsoft Word under Format



> Font > Advanced. In Apple Pages and TextEdit, choosing Typography from the Font panel will give you full access to Stylistic Sets, a mini glyph palette, and access other Bookmania features.

## À LA GARTE

ost modern web browsers have very good support for the OpenType features in Bookmania. It can used as a webfont through a service like Adobe Fonts (formerly Typekit) or by purchasing a webfont license and hosting fonts on your own web server. To use alternate and swash characters, you add css font-feature-settings attributes to your HTML mark up and/or css definitions.

OU CAN APPLY one or more attributes to a style sheet. For example, let's say you wish to use the "Jenson e" (ss01) and the "Cursive Forms" (ss04) in all italics (activated with the em tag). Define the em tag in your CSS file like this (attributes are highlighted in color):

```
em { font-feature-settings: 'ss01', 'ss04'; }
```

This will produce the following effect whenever the em tag is used:

The quick brown fox jumps over the lazy dog.

R, YOU CAN APPLY one or more attributes to individual characters with the span tag to get specific alternate or swash characters. In the following example, the "B" and "k" in the name "Bookmania" are substituted with swash variants:

This gets you the following effect:



ss10, ss17, and ss20 are Stylistic Sets that control various swash forms. A complete list is shown on the **Pantry** page. A complete list of "recipes" to get different swashes is shown in the **Recipes** section.

## Know Your Ingredients

WASHES ARE LIKE SPICES—a little goes a long way. It can be tempting to use them at every opportunity, but you don't need to go overboard. One to three is often plenty.

## Aperatif

Some swash characters, like these initial W's, are designed to fit next to caps or lowercase ascenders, while others are designed to fit next to lowercase letters or small caps.

# WHISKEY Whiskey WHISKEY Water

Complex swash characters can be built up by applying multiple Stylistic Sets to a character. For example, start with a basic K, add "Top Left Swash, Straight (ss10)", "Bottom Right Swash, Short (ss17)", and "Top Right Swash, Short (ss19)" to get these variations:

Ketchup Ketchup Ketchup Ketchup Some swashes can be used just about anywhere in a word, but others work best—or even exclusively—at the start, middle or end of a word. Lowercase swash characters are mostly designed to work in the middle or end of a word, but some can work at the start.

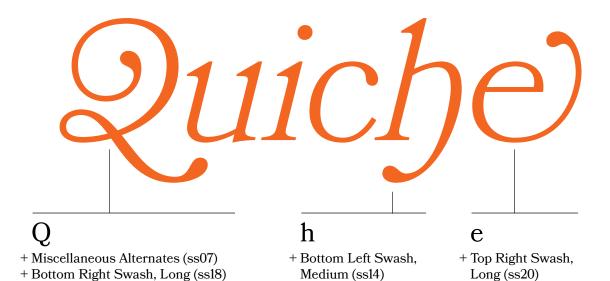
## **DINNER**Supper

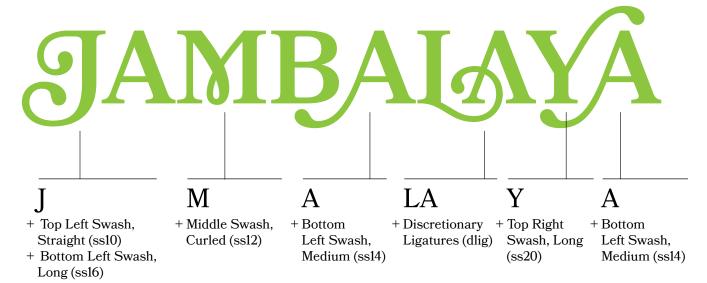
You can combine other OpenType features with swashes to get more effects. Stylistic Sets can be added to Discretionary Ligatures and Standard Ligatures to get swash variants. For instance, the first one takes "st", applies Discretionary Ligatures to get "st", and then adds "Bottom Left Swash, Medium (ss14)" to get the swash variation. The "ZA" in PIZZA only needs Discretionary Ligatures to be applied. Since Standard Ligatures are on by default, the "ffl" in "Waffles" is achieved by adding three Stylistic Sets, ss14, ss15, and ss16. (This might seem weird, but it works.)

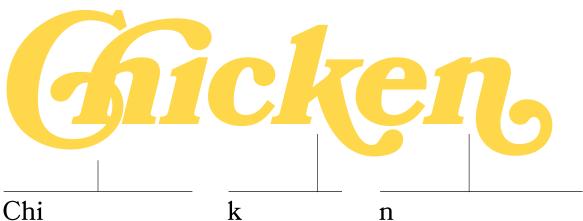
## Mustard IMB Waffles

There are also forms of C and L which wrap around lowercase or small caps.

**CONDIMENT Lettuce** 







- + Contextual Alternates (calt)
- + Discretionary Ligatures (dlig)
- + Bottom Right Swash, Short (ss17)
- + Bottom Right Swash, Short (ss17)
- + Bottom Right Swash, Long (ss18)

F

+ Top Left Swash, Curved (ss11)

#### m

+ Bottom Right Swash, Short (ss17)

+ Top Right Swash, Long (ss20)

#### M

+ Top Left Swash, Curved (ss11)

+ Middle Swash, Curled (ss12)

#### e

+ Bottom Right Swash, Long (ss18)

#### H

- + Top Left Swash, Straight (ss10)
- + Bottom Left Swash, Medium (ssl4)
- + Top Right Swash, Short (ss19)

#### V

+ Top Right Swash, Long (ss20)

#### S

+ Bottom Left Swash, Long (ss16)

#### N

- + Top Left Swash, Curved (ss11)
- + Top Right Swash, Short (ss19)

#### Y

- + Top Left Swash, Straight (ss10)
- + Bottom Left Swash, Long (ss16)
- + Top Right Swash, Short (ss19)

#### r

- + Small Caps
- + Bottom Right Swash, Short (ss17)

#### + Top Right Swash, Short (ss19)

+ Bottom Left

#### t

- + Small Caps Swash, Long + Top Left Swash,
- (ss16) Curved (ss11)

#### r

- + Small Caps + Bottom Right Swash, Short (ss17)

- + Miscellaneous Alternates (ss07)
- + Bottom Left Swash, Long (ss16)

#### V

+ Top Right Swash, Long (ss20)

#### y

+ Middle Swash, Curled (ss12)

#### T

- + Top Left Swash, Curved (ss11)
- + Top Right Swash, Short (ss19)

#### ffl

- + Bottom Left Swash, Medium (ss14)
- + Bottom Left Swash, Short (ss15)
- + Bottom Left Swash, Long (ss16)

#### e

+ Top Right Swash, Short (ss19)

+ Wrapping Cap (ss09)

#### afé

+ Small Caps

#### + Wavy Crossbar (ss06)

+ Wrapping Cap (ss09)

#### a

+ Small Caps + Wavy Crossbar + Discretionary + Wavy (ss06)

#### tt

(dlig)

- + Small Caps Ligatures
- é
- + Small Caps Crossbar (ss06)

- + Curved A (ss08)
- + Middle Swash, Curved (ss12)
- + Bottom Left Swash, Medium (ss14)

#### h

+ Top Left Swash, Curved (ss11)

#### r

+ Top Right Swash, Short (ss19)

#### a

+ Middle Swash, Curled (ss12)

#### LA

- + Discretionary Ligatures (dlig)
- + Top Left Swash, Straight (ss10)

#### G

+ Bottom Left Swash, Long (ss16)

#### E

+ Bottom Right Swash, Long (ss18)

## Deviled Eggs

#### $\mathbf{D}$

- + Top Left Swash, Straight (ss10)
- + Bottom Left Swash, Long (ss16)

#### e

- + Jenson e (ss04)
- + Middle Swash, Curled (ss12)

#### E

- + Miscellaneous Alternates (ss07)
- + Top Left Swash, Straight (ss10)

#### g

+ Cursive Lowercase Forms (ss01)

#### S

+ Top Right Swash, Long (ss20)

# Tutefisk 6

#### T

- + Wrapping Cap (ss09)
- + Top Left Swash, Straight (ss10)

#### fi

- + Bottom Left Swash, Medium (ss14)
- + Bottom Left Swash, Long (ss15)

#### k

- + Bottom Right Swash, Short (ss17)
- + Top Right Swash, Long (ss19)

- + Top Left Swash, Curved (ss11)
- + Top Right Swash, Short (ss19)

#### V

+ Top Right Swash, Long (ss20)

#### O

+ Middle Swash, Curled (ss12)

#### d

- + Top Left Swash, Curved (ss11)
- O
- + Top Right Swash, Short (ss19)

# P

- + Top Left Swash, Straight (ss10)
- + Bottom Left Swash, Medium (ssl4)

#### ZA

+ Discretionary Ligatures (dlig)

- + Curved A (ss08)
- + Middle Swash, Curled (ss12)

#### e

- + Small Caps
- + Bottom Right Swash, Long (ss18)

- + Top Left Swash, Straight (ss10)
- + Bottom Left Swash, Medium (ss14)

#### r

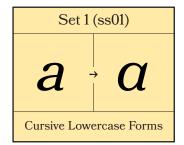
- + Small Caps
- + Bottom Right Swash, Short (ss17)

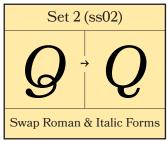
#### r

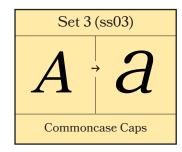
- + Small Caps
- + Bottom Right Swash, Short (ss17)
- + Bottom Right Swash, Long (ss18)

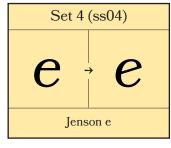
#### **PANTRY**

These 20 Stylistic Sets, in isolation or combined with each other and other features (Ligatures, Discretionary Ligatures, Small Caps, Contextual Alternates, and Figure Styles), are the ingredients to make all 2,505 swashes, alternate glyphs, and ligatures. In some apps, the name of the Stylistic Set will appear instead of the set number (shown at top). The code name (e.g., ss01) is used in CSS code. Since there are only 20 possible sets, the names don't always fit the results precisely.

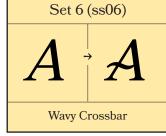


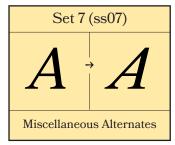


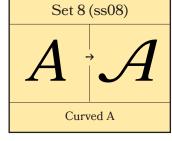


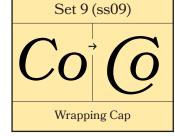


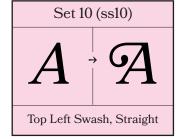


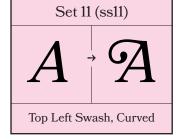


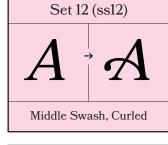


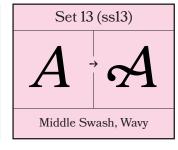


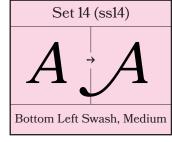


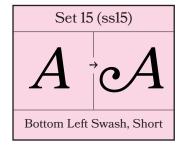


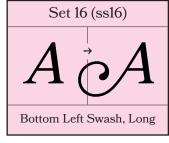


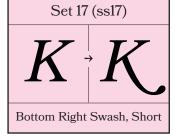


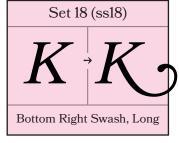


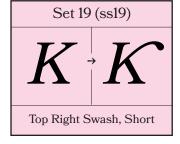


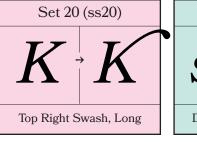


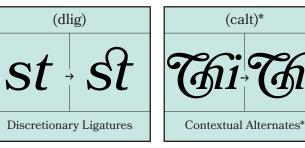












<sup>\*</sup> Ligatures and Contextual Alternates are on by default, but get turned off in InDesign sometimes when using the Glyphs palette. Check if it's not working.

The numbers in these "recipes" indicate stylistic set numbers. So, "08" means "Stylistic Set 8" or "ss08". Names for sets are shown on the "Pantry" page.

Each swash character may be produced by starting with the base character (e.g., "A") and applying stylistic sets or other features as indicated (e.g., "ss12" followed by "ss14").

Italic swashes are shown here, but roman swashes are generally the same.

Shaded characters indicate that any character may be used in that position.

Most of these will also work with accented characters when appropriate.

#### **GAPITALS**

$$A = A + 10$$

$$A = A + 11$$

$$A = A + 12$$

$$A = A + 13$$

$$A = A + 06$$

$$A = A + 14$$

$$A = A + 12 + 14$$

$$A = A + 10 + 14$$

$$cA = A + 15$$

$$A = A + 16$$

$$A = A + 11 + 16$$

$$A = A + 07$$

$$A = A + 07 + 10$$

$$A = A + 07 + 12$$

$$A = A + 07 + 13$$

$$A = A + 07 + 14$$

$$A = A + 07 + 16$$

$$c \mathcal{A} = A + 07 + 10 + 14$$

$$A = A + 07 + 10 + 16$$

$$\sim 1 = A + 07 + 12 + 14$$

$$A = A + 07 + 12 + 16$$

$$\mathcal{A} = A + 08$$

$$\mathcal{A} = A + 08 + 12$$

$$A = A + 08 + 14$$

$$CM = A + 08 + 12 + 14$$

$$A = A + 08 + 16$$

$$\mathcal{F} = \mathcal{E} + 10$$

$$e^{E=E+14}$$

$$\mathcal{E} = \mathcal{E} + 16$$

$$e^{-2E} = AE + 10 + 16$$

$$B = B + 10$$

$$B = B + 16$$

$$\mathbf{B} = B + 10 + 16$$

$$C = C + 17$$

$$\bigcirc = C + 18$$

$$C = C + 17 + 18$$

$$C = C + 12$$

$$C = C + 10$$

$$C = C + 10 + 17$$

$$C = C + 10 + 17 + 18$$

$$(X = C_X + 09)$$

$$Ch$$
 =  $Ch + dlig$ 

$$\widehat{\mathcal{A}_{1}} = Chi + dlig + calt$$

$$D = D + 10$$

$$D = D + 16$$

$$D = D + 10 + 16$$

$$P = D + 11$$

$$E = E + 10$$

$$E_0 = E + 17$$

$$F_0 = E + 18$$

$$\mathcal{E} = E + 07$$

$$\mathbf{E} = E + 07 + 17$$

$$E = E + 07 + 18$$

$$E = E + 07 + 10$$

$$\mathcal{I}_{N=N+10}$$

$$\iint = N + 03$$

$$M = N + 03 + 10$$

$$F = F + 10$$

$$F = F + 14$$

$$\mathcal{F} = F + 10 + 14$$

$$\int F = F + 11$$

$$\mathcal{F} = F + 11 + 19$$

$$G = G + 16$$

$$G = G + 10$$

$$G = G + 10 + 16$$

$$\mathcal{H}_{=H+10}$$

$$\mathcal{H} = H + 10 + 14$$
 $\mathcal{H} = H + 10 + 15$ 
 $\mathcal{H} = H + 10 + 14 + 19$ 
 $\mathcal{H} = H + 10 + 15 + 19$ 
 $\mathcal{H} = H + 10 + 14 + 20$ 
 $\mathcal{H} = H + 10 + 14 + 20$ 
 $\mathcal{H} = H + 10 + 15 + 20$ 
 $\mathcal{H} = H + 10 + 15 + 20$ 
 $\mathcal{H} = H + 10 + 15 + 20$ 
 $\mathcal{H} = H + 10 + 16$ 
 $\mathcal{H} = K + 10$ 
 $\mathcal{H} = K + 10$ 
 $\mathcal{H} = K + 17$ 
 $\mathcal{H} = K + 18$ 
 $\mathcal{H} = K + 17 + 18$ 
 $\mathcal{H} = K + 17 + 18$ 
 $\mathcal{H} = K + 10 + 20$ 
 $\mathcal{H} = K + 17 + 20$ 
 $\mathcal{H} = K + 10 + 17 + 20$ 
 $\mathcal{H} = K + 17 + 18 + 20$ 
 $\mathcal{H} = K + 17 + 18 + 20$ 
 $\mathcal{H} = K + 17 + 19$ 
 $\mathcal{H} = K + 10 + 19$ 
 $\mathcal{H} = K + 10 + 17 + 19$ 
 $\mathcal{H} = K + 10 + 17 + 19$ 
 $\mathcal{H} = K + 10 + 17 + 19$ 
 $\mathcal{H} = K + 10 + 17 + 19$ 
 $\mathcal{H} = K + 10 + 17 + 19$ 
 $\mathcal{H} = K + 10 + 17 + 19$ 

$$K = K + 17 + 18 + 19$$

$$K = KA + dlig$$

$$K = KA + dlig + 10$$

$$C = L + 10$$

$$L = L + 10$$

$$L = L + 18$$

$$C = L + 17 + 18$$

$$L = L + 07$$

$$L = L + 07 + 17$$

$$L = L + 07 + 18$$

$$C = L + 07 + 10$$

$$C = L + 07 + 10 + 17$$

$$C = L + 07 + 10 + 17$$

$$C = L + 07 + 10 + 17$$

$$C = L + 07 + 10 + 18$$

$$C = L + 07 + 10 + 17 + 18$$

$$L = LA + dlig$$

$$C = LA + dlig + 10$$

$$L = LA + dlig + 10$$

$$L = LA + dlig + 10$$

$$M = LA + dlig + 10$$

$$M = M + 10 + 14$$

$$M = M + 11$$

$$M = M + 10 + 16$$
 $M = M + 12$ 
 $M = M + 10 + 12$ 
 $M = M + 10 + 12$ 
 $M = M + 10 + 12 + 15$ 
 $M = M + 10 + 12 + 14$ 
 $M = M + 10 + 12 + 14$ 
 $M = M + 10 + 12 + 16$ 
 $M = M + 07$ 
 $M = M + 03$ 
 $M = M + 03 + 18$ 
 $M = M + 03 + 10$ 
 $M = M + 03 + 10$ 
 $M = M + 03 + 10$ 
 $M = M + 01$ 
 $M = M + 02$ 
 $M = M + 03 + 10$ 
 $M = M + 03 + 10$ 
 $M = M + 03 + 10 + 18$ 
 $M = M + 03 + 10 + 18$ 
 $M = M + 03 + 10 + 18$ 
 $M = M + 03 + 10 + 18$ 
 $M = M + 03 + 10 + 18$ 
 $M = M + 03 + 10 + 18$ 
 $M = M + 03 + 10 + 18$ 
 $M = M + 10 + 14 + 19$ 
 $M = M + 10 + 14 + 20$ 
 $M = M + 10 + 14 + 20$ 
 $M = M + 10 + 14 + 20$ 
 $M = M + 10 + 14 + 20$ 
 $M = M + 10 + 18$ 
 $M = M + 10 + 18$ 

$$\Pi = N + 03$$
 $\Pi = N + 03 + 18$ 
 $\Pi = N + 03 + 10$ 
 $\Pi = N + 03 + 10 + 18$ 
 $\Omega = N + 03 + 10 + 18$ 
 $\Omega = OO + d \log = OO + d \log = OO + 19$ 
 $\Omega = OO + 19$ 

S = S + 10

 $\int = S + 07$ 

X = X + 10

$$X = X + 20$$

$$X = X + 14$$

$$X = X + 10 + 20$$

$$X = X + 10 + 14$$

$$X=X+19$$

$$\mathcal{K} = X + 16$$

$$X = X + 16 + 20$$

$$X = X + 14 + 20$$

$$X = X + 10 + 19$$

$$\sim X = X + 10 + 16$$

$$CX = X + 10 + 16 + 19$$

$$X = X + 10 + 16 + 20$$

$$X = X + 14 + 19$$

$$X = X + 17$$

$$X = X + 10 + 17$$

$$X_{2} = X + 18$$

$$X_2 = X + 18 + 19$$

$$X_{0} = X + 17 + 18$$

$$X_{\Omega} = X + 17 + 18 + 19$$

$$GY = Y + 10$$

$$GY = Y + 10 + 20$$

$$Y = Y + 10 + 19$$

$$Y = Y + 20$$

$$Y = Y + 19$$

$$V = Y + 14$$

$$\mathcal{N} = Y + 16$$

$$Y = Y + 10 + 16$$

$$= Y + 10 + 16 + 20$$

$$Y = Y + 10 + 16 + 19$$

$$Z = Z + 17$$

$$Z_0 = Z + 18$$

$$ZA = ZA + dlig$$

$$\Phi = 10^{-10}$$

$$b = 14$$

$$\Phi = 10 + 10 + 14$$

$$68 = 8 + 11$$

#### MALL GAPITALS

$$\mathbf{A} = A + 10$$

$$\mathbf{A} = A + 11$$

$$\mathbf{A} = A + 06$$

$$\mathbf{A} = A + 12$$

$$\mathbf{A} = A + 13$$

$$A = A + 14$$

$$A = A + 12 + 14$$

$$\mathcal{A} = A + 10 + 14$$

$$cA = A + 15$$

$$\mathbf{A} = A + 16$$

$$A = A + 11 + 16$$

$$A = A + 07$$

$$A = A + 07 + 10$$

$$A = A + 07 + 12$$

$$\mathbf{A} = A + 07 + 13$$

$$c A = A + 07 + 14$$

$$A = A + 07 + 16$$

$$_{\mathbf{C}}\mathcal{A} = A + 07 + 10 + 14$$

$$\mathcal{A} = A + 07 + 10 + 16$$

$$c \mathcal{A} = A + 07 + 12 + 14$$

$$A = A + 07 + 12 + 16$$

$$A = A + 08$$

$$\mathcal{A} = A + 08 + 12$$

$$A = A + 08 + 14$$

$$\mathcal{A} = A + 08 + 12 + 14$$

$$\mathcal{A} = A + 08 + 16$$

$$\mathcal{A}E = AE + 10$$

$$c \mathcal{A} = AE + 14$$

$$e^{\cancel{E}} = \cancel{E} + 16$$

$$e^{2}E = AE + 10 + 14$$

$$\mathbf{B} = B + 10$$

$$B = B + 16$$

$$\mathbf{R} = B + 10 + 16$$

$$C = c + 17$$

$$C_0 = c + 18$$

$$C_0 = c + 17 + 18$$

$$\mathbf{C} = c + 12$$

$$C = c + 10$$

$$90 = c + 10 + 17$$

$$C = c + 10 + 18$$

$$\mathbf{D} = D + 10$$

$$D = D + 16$$

$$9D = D + 10 + 16$$

$$P = D + 11$$

$$E = E + 10$$

$$F_0 = E + 17$$

$$F_2 = E + 18$$

$$\mathbf{E} = E + 06$$

$$E = E + 07$$

$$\mathbf{E} = E + 07 + 17$$

$$E = E + 07 + 18$$

$$E = E + 07 + 10$$

$$\mathcal{I}_{\mathbf{y}} = N + 10$$

$$\Pi = N + 03$$

$$\mathbf{N} = N + 03 + 10$$

$$F = F + 10$$

$$\mathbf{F} = F + 14$$

$$\mathcal{F} = F + 10 + 14$$

$$\mathcal{F} = F + 11$$

$$\mathcal{F} = F + 11 + 19$$

$$G = G + 16$$

$$G = G + 10$$

$$G = G + 10 + 16$$

$$H = H + 10$$

$$H = H + 10 + 14$$

$$\mathcal{H} = H + 10 + 15$$

$$\mathcal{H} = H + 10 + 14 + 20$$

$$\mathcal{H} = H + 10 + 15 + 20$$

$$\mathbf{q} = I + 10$$

$$J = J + 10$$

$$\mathcal{J} = J + 10 + 16$$

$$K = K + 10$$

$$K = K + 17$$

$$K = K + 10 + 17$$

$$K_2 = K + 18$$

$$K_{\Omega} = K + 17 + 18$$

$$K = K + 20$$

$$K = K + 10 + 20$$

$$K = K + 17 + 20$$

$$= K + 10 + 17 + 20$$

$$\mathbf{K} = K + 18 + 20$$

$$K_0 = K + 17 + 18 + 20$$

$$K = K + 19$$

$$K = K + 17 + 19$$

$$K_0 = K + 18 + 19$$

$$K_0 = K + 17 + 18 + 19$$

$$KA = KA + dlig$$

$$\mathcal{K}_{2} = KA + dlig + 10$$

$$I_L = L + 10$$

**L**o = 
$$L + 17$$

$$I = L + 18$$

$$T = L + 10 + 18$$

$$I_0 = L + 17 + 18$$

$$\mathbf{L} = L + 07$$

$$\mathcal{L} = L + 07 + 17$$

$$f_{1} = L + 07 + 18$$

$$\mathbf{L} = L + 07 + 17 + 18$$

$$\mathfrak{P} = L + 07 + 10$$

$$\mathfrak{P} = L + 07 + 10 + 17$$

$$\mathfrak{P} = L + 07 + 10 + 18$$

$$\mathfrak{P} = L + 07 + 10 + 17 + 18$$

$$\mathbf{L}_{\mathbf{A}} = LA + d\mathbf{I}\mathbf{i}\mathbf{g}$$

$$\mathbf{I}_{2} \mathbf{A} = LA + dlig + 10$$

$$\mathbf{M} = M + 10$$

$$M = M + 15$$

$$\mathcal{J}_{M} = M + 10 + 15$$

$$\mathcal{M} = M + 10 + 14$$

$$M = M + 11$$

$$_{C}M = M + 10 + 16$$

$$M = M + 12$$

$$M = M + 10 + 12$$

$$M = M + 12 + 15$$

$$\mathfrak{M} = M + 10 + 12 + 15$$

$$\mathfrak{M} = M + 10 + 12 + 14$$

$$M = M + 11 + 12$$

$$_{\mathbf{C}}M = M + 10 + 12 + 16$$

$$M = M + 07$$

$$M = M + 03$$

$$\mathbf{m} = M + 03 + 10$$

$$M_2 = M + 03 + 18$$

$$M_{3} = M + 03 + 10 + 17$$

$$N = N + 10$$

$$9V = N + 10 + 14$$

$$\mathcal{N} = N + 10 + 14 + 20$$

$$N = N + 11$$

$$\mathcal{N} = N + 19$$

$$\mathcal{N} = N + 20$$

$$N = N + 18$$

$$N = N + 10 + 17$$

$$\mathbf{\Pi} = N + 03$$

$$\mathbf{\Pi} = N + 03 + 10$$

$$n = N + 03 + 18$$

$$9 = 0 + 12$$

$$O = 0 + 19$$

$$\mathbf{E} = \mathbf{E} + 10$$

$$P = P + 10$$

$$P = P + 10 + 14$$

$$Q = Q + 02$$

$$Q = Q + 07$$

$$Q = Q + 07 + 17$$

$$\mathbf{Q} = Q + 07 + 18$$

$$\mathbf{R} = R + 10$$

$$R = R + 10 + 17$$

$$R^{=R+17}$$

$$R_{5} = R + 18$$

$$R_{\odot} = R + 17 + 18$$

$$RA = RA + dlig$$

$$\mathbf{R}_{2} \mathbf{1} = RA + dli\mathbf{g} + 10$$

$$S = s + 16$$

$$S = s + 16 + 19$$

$$S = S + 10$$

$$\int S = S + 07$$

$$C \int S = S + 07 + 16$$

$$B = B + 14$$

$$\beta = B + 16$$

$$\mathbf{B} = \mathbf{B} + 07$$

$$\mathbf{J}_{3} = \mathbf{B} + 07 + 14$$

$$R_3 = B + 07 + 16$$

$$T = T + 11$$

$$\Upsilon = T + 11 + 19$$

$$\gamma^2 = T + 11 + 20$$

$$T = T + 10$$

$$\mathfrak{T} = T + 11 + 13$$

$$T = T + 11 + 14$$

$$T = T + 11 + 14 + 19$$

$$TT = TT + dlig$$

$$I \int = U + 12$$

$$U = U + 19$$

$$U^0 = U + 20$$

$$U^{\circ} = U + 19 + 20$$

$$U = U + 10$$

$$\int = U + 10 + 19 + 20$$

$$\mathbf{V} = V + 10$$

$$V = V + 20$$

$$V = V + 19$$

$$\sqrt{V} = V + 10 + 20$$

$$V^{\circ} = V + 19 + 20$$

$$V^{\circ} = V + 12$$

$$V = V + 07$$

$$V = V + 07 + 10$$

$$V = V + 07 + 19$$

$$V^{\circ} = V + 07 + 20$$

$$GW = W + 10$$

$$W = w + 20$$

$$W = w + 19$$

$$4W = W + 10 + 20$$

$$W^{\circ} = W + 19 + 20$$

$$W^0 = W + 12$$

$$W = W + 07$$

$$W = W + 07 + 10$$

$$W = W + 07 + 19$$

$$W^{\circ} = W + 07 + 20$$

$$\mathbf{X} = X + 10$$

$$X = x + 20$$

$$X = X + 14$$

$$X = X + 10 + 20$$

$$X = X + 10 + 14$$

$$X = X + 19$$

$$\mathbf{C}X = x + 16$$

$$CX = x + 16 + 20$$

$$X = x + 14 + 20$$

$$X = X + 10 + 15$$

$$CX = X + 10 + 15 + 20$$

$$X = X + 14 + 19$$

$$X = x + 17$$

$$X = X + 10 + 17$$

$$X_2 = x + 18$$

$$X_2 = x + 18 + 19$$

$$X_{\Omega} = x + 17 + 18$$

$$X_0 = x + 17 + 18 + 19$$

$$GV = Y + 10$$

$$\mathbf{Y} = \mathbf{Y} + 10 + 20$$

$$Y = y + 20$$

$$Y = Y + 19$$

$$y=y+14$$

$$cV = y + 16$$

$$y = y + 10 + 16$$

$$\sqrt{Y} = Y + 10 + 16 + 20$$

$$ZA = zA + dlig$$

$$Z = z + 17$$

$$Z_0 = z + 18$$

$$\Phi = P + 10$$

$$P = P + 14$$

$$\Phi = P + 10 + 14$$

#### lowercase'

$$a = a + 18$$

$$ab = a + 12$$

$$Q = a + 01$$

$$\mathcal{Z} = \mathcal{Z} + 04$$

$$b = b + 19$$

$$\mathcal{J}_b = b + 11$$

$$G = c + 17$$

$$c = c + 18$$

$$\mathbf{C}) = c + 20$$

$$Ct = ct + dlig$$

$$Ct = ct + dlig + 12$$

$$C_{2} = ct + dlig + 18$$

$$d = d + 12$$

$$\int d^2 d + 11$$

$$E = e + 07$$

$$\epsilon = e + 07 + 17$$

$$e^{-18}$$

$$e^{5} = e + 19$$

$$e^{0} = e + 20$$

$$e = e + 04$$

$$e = e + 04 + 12$$

$$\int f = f + 14$$

$$\int f = f + 14 + 15$$

$$\int f = f + 16$$

$$\int = f + 14 + 16$$

$$ff = ff + 14$$

$$\iint = ff + 14 + 15$$

$$ff = ff + 16$$

$$ff = ff + 14 + 16$$

$$ff = ff + 14 + 15 + 16$$

$$fi = fi + 14$$

$\int f = f_1 + 14 + 15$
fi = fi + 16
$\int f = fi + 14 + 16$
f = f + 14
$\mathbf{f} = \mathbf{f} + 14 + 15$
f = f + 16
$\int f = f + 14 + 16$
$f_2 = fl + 18$
H = H + 17
$\mathbf{ffi} = \mathbf{ffi} + 14$
$\iiint_{\Omega} = ffi + 14 + 15$
$\int f f = f f + 16$
$\iint = ffi + 14 + 16$
$\iint = ffi + 14 + 15 + 16$
$\mathbf{ff} = \mathbf{ffl} + 14$
$\mathbf{ff} = \mathbf{ffl} + 14 + 15$
$\int f f f = f f f + 16$
$\int \int \int \int \int dt dt = f(t) + 14 + 16$
$\iiint_{C} = ffl + 14 + 15 + 16$
$ff_{2} = ffl + 18$
<b>ff</b> ] = ffl + 17
g = g + 20
$g^{-} = g + 19 + 20$
<b>g^</b> = <u>é</u> + 19
<b>g</b> = g + 14

$$g = g + 15$$
  
 $g = g + 16$   
 $g = g + 02$   
 $g = g + 02 + 14$   
 $g = g + 02 + 15$   
 $g = g + 02 + 16$   
 $g = g + 01$   
 $g = g + 01$   
 $g = g + 01 + 13$   
 $g = g + 01 + 13$   

$$K = k+12$$
 $K = k+19$ 
 $K = k+19$ 
 $K = k+18+19$ 
 $K = k+18+19$ 
 $K = k+13+17$ 
 $K = k+13+18$ 
 $M = m+17$ 
 $M = m+18$ 
 $M = m+17+18$ 
 $M = m+12$ 
 $M = m+13$ 
 $M = m+14$ 
 $M = m+17$ 
 $M = m+18$ 
 $M = m+18$ 
 $M = m+19$ 
 $M = m+$ 

k = k + 17 + 20

$$\mathbf{o} \mathbf{f} = \mathbf{o} \mathbf{f} + \mathbf{d} \mathbf{l} \mathbf{i} \mathbf{g}$$

$$\mathbf{CC} = \mathbf{cc} + 04$$

$$p = p + 14$$

$$p = p + 16$$

$$p = p + 13$$

$$q = q + 17$$

$$q_2 = q + 18$$

$$q_0 = q + 17 + 18$$

$$q = q + 13$$

$$f = r + 19$$

$$f = r + 20$$

$$r = r + 13$$

$$\mathbf{11} = ri + dlig$$

$$f = r + 19 + 20$$

$$r = r + 17$$

$$r = r + 18$$

$$S = s + 14$$

$$S = s + 13$$

$$\mathbf{S} = s + 20$$

$$S = s + 16$$

$$\int S = S + 07$$

$$\int = s + 07 + 14$$

$$\int = s + 07 + 15$$

$$\int = s + 07 + 16$$

$$\int = s + 07 + 14 + 16$$

$$\mathbf{S}t = \mathbf{s}t + d\mathbf{l}\mathbf{i}\mathbf{g}$$

$$St = st + dlig + 12$$

$$S_0 = st + dlig + 18$$

$$\int t = st + dlig + 14$$

$$\beta = \beta + 16$$

$$_{c}\beta = 13 + 14 + 16$$

$$\int 3 = 13 + 14$$

$$t = t + 17$$

$$\xi = t + 18$$

$$t = t + 17 + 18$$

$$t_2 = t + 12 + 17$$

$$t_0 = t + 12 + 18$$

$$t_0 = t + 12$$

$$t^2 = t + 13$$

$$u = u + 12$$

$$\mathbf{V} = v + 12$$

$$V = v + 19$$

$$V = v + 20$$

$$W = W + 12$$

$$W = W + 19$$

$$W = w + 20$$

$$X = X + 20$$

$$X = X + 14$$

$$X = X + 14 + 20$$

$$X = x + 17$$

$$X = X + 19$$

$$X = x + 17 + 19$$

$$X_{\circ} = X + 18$$

$$X_{6} = x + 18 + 19$$

$$y = y + 14$$

$$y = y + 16$$

$$\mathbf{y} = y + 11$$

$$y = y + 11 + 16$$

$$y = y + 12$$

$$y = y + 19$$

$$y=y+20$$

$$y = y + 01$$

$$Z=z+17$$

$$\mathbf{Z} = z + 18$$

**Z**<sub>2</sub> = 
$$z + 12$$

$$\mathcal{P} = b + 11$$

$$b = b + 14$$

$$b = b + 16$$

$$\oint b = b + 13$$

$$\int b = b + 19$$



marksimonson.com

© 2021 MARK SIMONSON STUDIO LLC