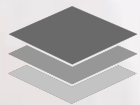




UI Engineering Studio. Day 2



# Bootcamp: CSS - Layout

## Cascading Style Sheets - Layout

CSS page **layout techniques** allow us to take **elements contained** in a web page and control where they are **positioned** relative to their default position in normal layout flow, the other elements around them, their parent container, or the main viewport/window.

- Mozilla Web Docs



Box Model

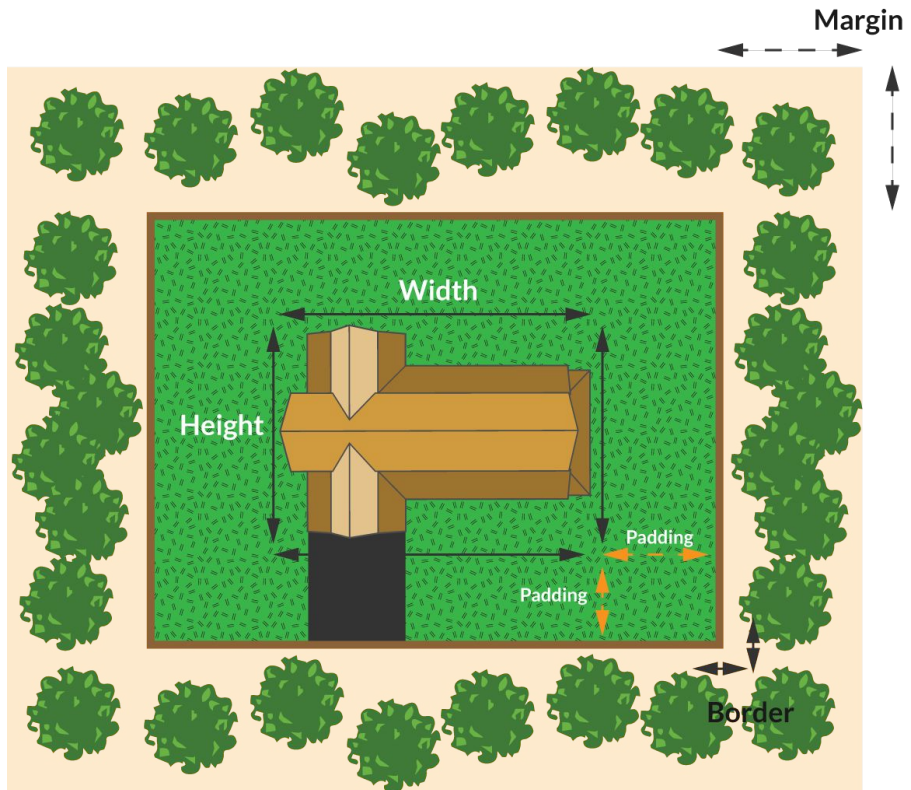
Display, float & position

Format

Homework

## UI Boot Camp: CSS - Layout

# Box Model



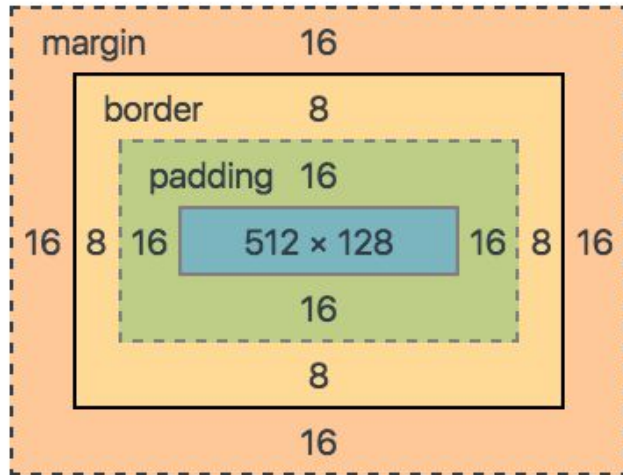
## UI Boot Camp: CSS - Layout

# Box Model

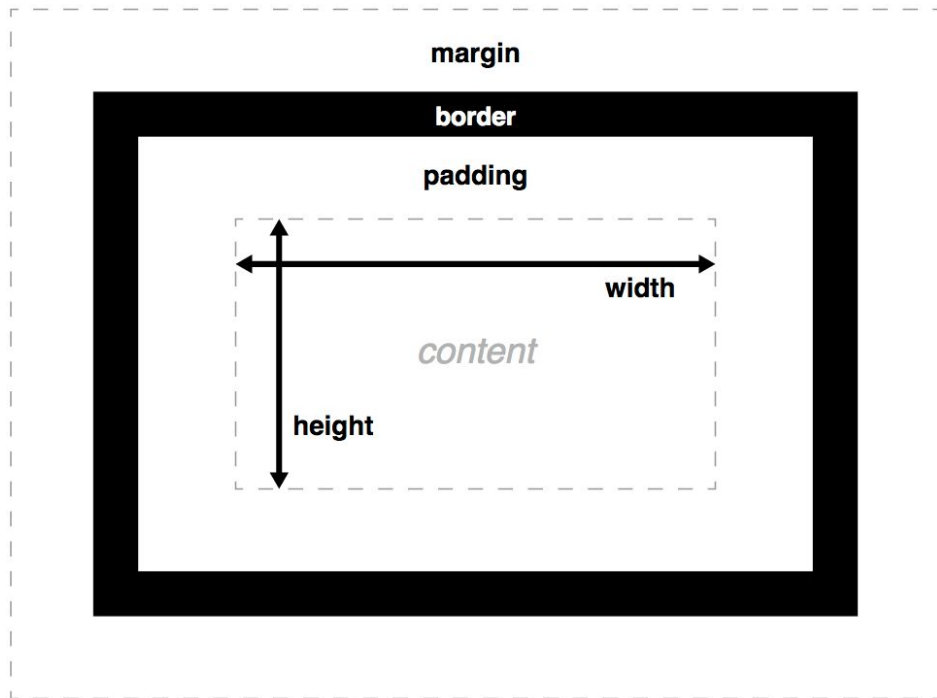
If I have an element with width of 512px and a height of 128px, what will it be its total width?

Content width + padding-left + padding-right +  
border-left + border-right + margin-left +  
margin-right

$$512 + 16 + 16 + 8 + 8 + 16 + 16 = \mathbf{592}$$



## UI Boot Camp: CSS - Layout



### box-sizing:

- content-box (default)
- padding-box
- border-box

## UI Boot Camp: CSS - Layout

# Display, float & position

display:

inline

Pellentesque *inline element* morbi tristique senectus  
Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

block

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

hi

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

inline-block

Pellentesque

*inline  
block*

*inline  
block*

*inline  
block*

morbi tristique

senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

## UI Boot Camp: CSS - Layout

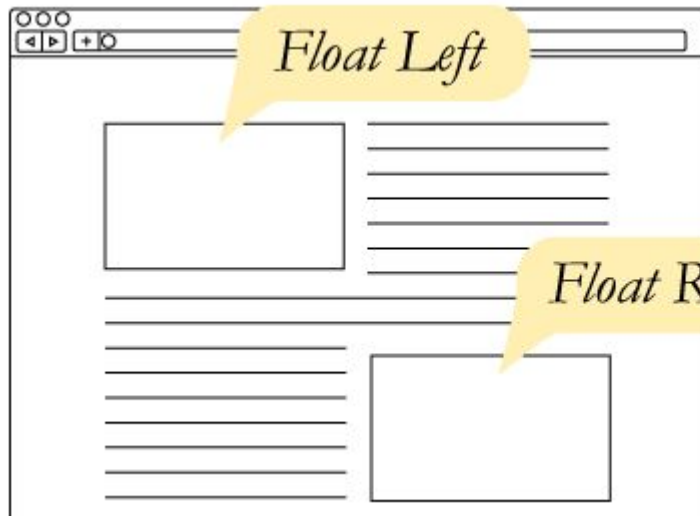
# Display, float & position

float:

- left
- right
- none (default)

clear:

- left
- right
- both
- none (default)



*Web Layout*

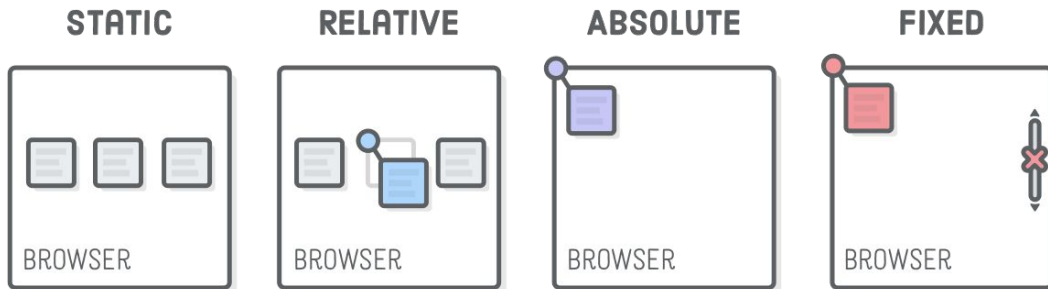


## UI Boot Camp: CSS - Layout

# Display, float & position

### position:

- static
- relative
- absolute
- fixed



## UI Boot Camp: CSS - Layout

# Format

background

background-image  
background-position  
background-size  
background-repeat  
background-attachment  
background-origin  
background-clip  
background-color

## UI Boot Camp: CSS - Layout

# Format

font

{  
font-family  
line-height  
font-weight  
font-stretch  
font-variant  
font-size  
}

## UI Boot Camp: CSS - Layout

# Format

text

color  
direction  
letter-spacing  
text-align  
text-decoration  
text-indent  
text-shadow  
text-transform  
text-overflow  
vertical-align  
white-space  
word-spacing

## UI Boot Camp: CSS

# Homework: Magazine Cover

