



Self-Research Assignment #7

Topic: CSS borders



Name: _____



Date: _____



Your Mission

Find out how to add and customise borders around elements using CSS — including style, width, colour, and rounded corners.



Step 1 — Research

"CSS border property" or "CSS border-radius rounded corners"



Step 2 — The Three Parts of a Border

A CSS border has three parts. Fill in the table:

CSS property	What it controls	Example value
border-width		
border-style		
border-color		



Step 3 — Shorthand

CSS has a shorthand that sets all three in one line. Fill in the blank:

```
/* longhand */           /* shorthand */  
border-width: 2px;  
border-style: solid;      border: _____ ;  
border-color: red;
```



Step 4 — Rounded Corners

What CSS property makes rounded corners? _____

Fill in the code to make a circle (a square div with fully rounded corners):

```
div {
  width: 100px;
  height: 100px;
  background-color: steelblue;
  border-radius: _____ ; /* makes it a circle */
}
```



Step 5 — Border Styles

List 4 different values that border-style can have and draw a quick sketch of each:

_____	_____	_____	_____
(sketch):	(sketch):	(sketch):	(sketch):



Bonus Challenge

How would you add a border to ONLY the bottom of an element? Write the CSS property and an example:

Property: _____ Example: _____



I tried this in my code: ☐ Yes ☐ Not yet



Confidence: ☐ 😞 ☐ 😊 ☐ 😄