

W1D4 Quiz

CS472 WAP October 2016 – Prof. Zijlstra

1. What is the height in pixels measured from the top of the border-top of the #first div to the bottom of the border-bottom of the #second, based on the following html:

```
<body>
  <div id="first"></div>
  <div id="second"></div>
</body>
```

```
#first {
  border: 4px dashed black;
  padding: 10px 5px;
  margin: 20px;
  height: 50px;
  background-color: #FAFAFA;
}
```

```
#second {
  margin-top: 30px;
  margin-bottom: 10px;
  height: 45px;
  padding: 5px 8px;
  border: 1px solid green;
  background-color: #F3F3FF;
}
```

Handwritten calculations for the height of the second div:

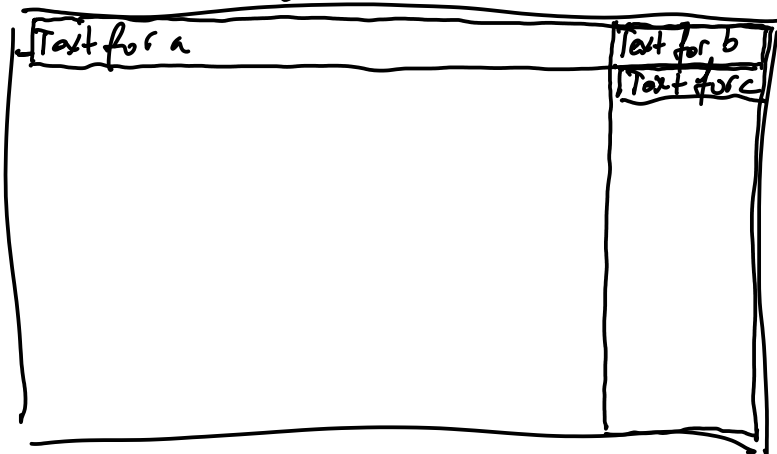
- 4 (border-top) + 5 (padding-top) = 9
- 10 (margin-top)
- 50 (height)
- 10 (margin-bottom)
- 4 (border-bottom) + 5 (padding-bottom) = 9
- 30 (margin-top)
- 5 (padding-top)
- 45 (height)
- 5 (padding-bottom)
- 1 (border-bottom)

Total: 165

2. Draw the page layout if the screen has width 1024px, height 768px, and the HTML & CSS: 165

```
<body>
  <div id="a">Text for a
    <div id="b">Text for b
      <div id="c">Text for c</div>
    </div>
  </div>
</body>
```

```
div {
  border: 1px solid black;
  margin-left: 5px;
  margin-bottom: 5px;
}
#b {
  position: absolute;
  top: 0px; ✓
  bottom: 0px; ✓
  right: 0px; ✓
  width: 200px; ✓
}
```



3. Draw on the back of the page what the layout would be if the previous question also had the following additional CSS rules:

```
#a { position: relative; top: 100px;}
#c { position: fixed; bottom: 50px; right: 50px;}
```

1024

Text for a

Text for s

768

Text for c