

Test your skills: The box model

The aim of this skill test is to assess whether you understand the [CSS box model](#).

Note: You can try solutions in the interactive editors on this page or in an online editor such as [CodePen](#) , [JSFiddle](#) , or [Glitch](#) .

If you get stuck, you can reach out to us in one of our [communication channels](#).

Task 1

In this task, there are two boxes below, one is using the standard box model, the other the alternate box model. Change the width of the second box by adding declarations to the `.alternate` class, so that it matches the visual width of the first box.

Your final result should look like the image below:

I use the standard box model.

I use the alternate box model.

Try updating the live code below to recreate the finished example:

I use the standard box model.

I use the alternate box model.

```
.box {  
  border: 5px solid rebeccapurple;  
  background-color: lightgray;  
  padding: 40px;  
  margin: 40px;  
  width: 300px;  
  height: 150px;  
}  
  
.alternate {  
  box-sizing: border-box;  
  width: calc(300px + 80px + 10px); /* Original width + padding +  
borders */  
}
```

```
<div class="box">I use the standard box model.</div>  
<div class="box alternate">I use the alternate box model.</div>
```

Reset

[Download the starting point for this task](#) to work in your own editor or in an online editor.

Task 2

In this task, add to the box:

- A 5px, black, dotted border.
- A top margin of 20px.
- A right margin of 1em.
- A bottom margin of 40px.
- A left margin of 2em.
- Padding on all sides of 1em.

Your final result should look like the image below:



Try updating the live code below to recreate the finished example:

I use the standard box model.

```
.box {  
  border: 5px dotted black;  
  margin-top: 20px;  
  margin-right: 1em;  
  margin-bottom: 40px;  
  margin-left: 2em;  
  padding: 1em;  
}
```

```
<div class="box">I use the standard box model.</div>
```

Reset

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Task 3

In this task, the inline element has a margin, padding and border. However, the lines above and below are overlapping it. What can you add to your CSS to cause the size of the margin, padding, and border to be respected by the other lines, while still keeping the element inline?

Your final result should look like the image below:

Veggies es bonus vobis, **proinde vos postulo** essum magis kohlrabi welsh

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Gumbo beet greens corn soko endive gumbo gourd. Parsley shallot courgette
tatsoi pea sprouts fava bean collard greens dandelion okra wakame tomato.
Dandelion cucumber earthnut pea peanut soko zucchini.

Try updating the live code below to recreate the finished example:

Veggies es bonus vobis, proinde vos postulo essum magis

kohlrabi welsh onion daikon amaranth tatsoi tomatillo melon azuki
bean garlic.

Gumbo beet greens corn soko endive gumbo gourd. Parsley shallot
courgette tatsoi pea sprouts fava bean collard greens dandelion
okra wakame tomato. Dandelion cucumber earthnut pea peanut
soko zucchini.

```
.box span {  
  display: inline-block;  
  background-color: pink;  
  border: 5px solid black;  
  padding: 1em;  
}
```

```
<div class="box">  
  <p>Veggies es bonus vobis, <span>proinde vos postulo</span> essum  
  magis kohlrabi welsh onion daikon amaranth tatsoi tomatillo melon  
  azuki bean garlic.</p>  
</div>
```

Reset

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