edX

CSS box model (1-14)
1. Rounded corners

1/1 point (graded)
What CSS property would you set to create rounded corners on a border?

| Border-radius | ✔

| Submit | You have used 1 of 1 attempt

2. Too close for comfort

0/1 point (graded)
If an image is too close to the text next to it, what property is best to fix the problem?

| Padding | ✘

Answer: margin **or** margin: **or** margin-left **or** margin-right **or** margin-top **or** margin-bottom **or** margin-left: **or** margin-right: **or** margin-top: **or** margin-bottom:

Explication
Margin controls spacing between elements. If your image element has a border, only margin will separate that border from whatever is next to it.

| ? | **Hint (1 of 2):** What if the img element has a border? | Next Hint |

| Submit | You have used 1 of 1 attempt

ⓘ   Answers are displayed within the problem

3. Move it!

1/1 point (graded)

If you wanted to move an element up 10px (relative to the top of the page) by adjusting the margin, which side of the margin would you set?

| Margin-top | ✔

| Submit | You have used 1 of 1 attempt

4. Border shorthand

1/1 point (graded)

```
border: 1px solid red;
```

True or False? The code above is a shorthand way to set border-width, border-style and border-color.

| ○ False |

| ◉ True ✔ |

| Submit | You have used 1 of 1 attempt

5. Interchangeable?

1/1 point (graded)
True or False? Margin and padding are interchangeable.

| ◉ False ✔ |

| ○ True |

Submit	You have used 1 of 1 attempt

6. Margin color

1/1 point (graded)

True or False? 'margin-color' is the correct property to set to change the color of the margin.

- ⦿ False ✔
- ○ True

Submit	You have used 1 of 1 attempt

7. Margin values

1/1 point (graded)

Which of the following are valid margin values?

- ☑ 3px;

- ☑ -3em;

- ☑ 3rem;

- ☐ 3ft;

✔

(select all that apply - 3 correct answers!)

Submit	You have used 1 of 3 attempts

8. Left move

1/1 point (graded)

Which of the following would move an element 12 pixels to the left?

- ◉ margin-left: -12px; ✔
- ○ margin-left: 12px;
- ○ margin-right: -12px;
- ○ margin-right: 12px;

| Submit | You have used 1 of 2 attempts |

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9. It doesn't move!

1/1 point (graded)

Suppose you're debugging an element on your page. You notice that if you increase padding-left, your content will move to the right, but if you increase padding-right, it doesn't move. Why?

- ○ The text is right aligned (text-align: right) so space added to the right affects the contents
- ◉ The text is left aligned (text-align: left) so space added to the left affects the contents ✔
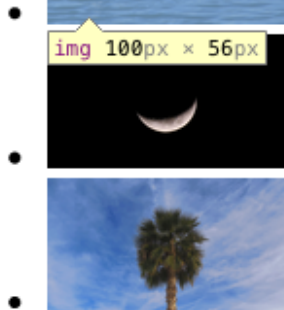- ○ The text is right aligned (text-align: right) so space added to the left affects the contents

| Submit | You have used 1 of 1 attempt |

Reference image 1A

Use this image for the following 3 questions (10, 11 and 12):

10. Which CSS rule?

1/1 point (graded)
(choose the best answer)

In reference image 1A above, assuming the original image files are all different sizes, can you guess which CSS rule is used?

○   body {width: 100px}

◉   img {width: 100px} ✔

○   ul {width: 100px}

○   li {width: 100px}

Submit	You have used 1 of 2 attempts

11. Padding-left

1/1 point (graded)

What is the padding-left on the `ul` element?

◉   40px ✔

○   40pt

○   Cannot tell from the info provided

○   16px

Submit	You have used 1 of 2 attempts

12. Height of each element

0/1 point (graded)

In reference image 1A, assuming there is no padding, margin or border on the `li` elements, what is the height of each element?

○ 180px ✖

○ 60px ✔

○ 56px

Explanation

From the box-model diagram, the contents of the `ul` element has a height of 180px. Since there are 3 `li` elements with no spacing around them, they must be 60px.

> ? **Hint (1 of 3):** They're all the same height.   Next Hint
>
> **Hint (2 of 3):** How many elements are there?
>
> **Hint (3 of 3):** The contents of the ul element are just the li elements, nothing else affects it's size.

| Submit | You have used 1 of 1 attempt |

ℹ   Answers are displayed within the problem

Code for the following 2 questions (13 and 14)

Reference code 1B

Around the second list item below, 'Oranges', there are: a 2px border, paddings of 0 or 20px, and margins of 0, 20 or -20px.

1. Apples

2. Oranges
3. Bananas

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13. Margin settings

0/1 point (graded)
(choose the best answer)

Looking at padding and the margin, which settings for the margins of list item 2, Oranges,

are consistent with reference code's result 1B above?

○   margin-left: 0; margin-right: 0; margin-top: -20px; margin-bottom: 0;

○   margin-left: 0; margin-right: 0; margin-top: 0; margin-bottom: -20px; ✔

○   margin-left: 0; margin-right: 0; margin-top: 20px; margin-bottom: 0;

●   margin-left: -20px; margin-right: 0; margin-top: 0; margin-bottom: -20px; ✖

Explanation

While you can't tell what the top and right margins are, you know the bottom must be negative and the left 0, and there's only one answer in which that is true.

The bottom of the rectangle has been pushed down so margin-bottom must be negative, i.e. pulling away from it's normal placement. When you account for the 2px border, the left side lines up with the other elements, so its margin must be 0.

?   **Hint (1 of 3):** The numbers are normally outside of the border   [Next Hint]

Hint (2 of 3): Does any part of it overlap with another element?

Hint (3 of 3): The left side of the box is right where the content begins

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[Submit]   You have used 2 of 2 attempts

ⓘ   Answers are displayed within the problem

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14. Padding settings

0/1 point (graded)
(choose the best answer)

Looking at padding and the margin, which padding settings for list item 2, Oranges, are consistent with reference code's result 1B above?

- ⦿ padding-left: 20px; padding-right: 20px; padding-top: 0; padding-bottom: 20px; ✖

- ○ padding-left: 0; padding-right: 20px; padding-top: 0; padding-bottom: 20px; ✔

- ○ padding-left: 0; padding-right: 0; padding-top: 20px; padding-bottom: 20px;

- ○ padding-left: 20px; padding-right: 0; padding-top: 0; padding-bottom: 20px;

Explanation

We know the left and top must be 0 because those borders are right up against the content and there is only one choice in which that is true.

? **Hint (1 of 2):** Can you tell how much padding there is on the left?   [Next Hint]

Hint (2 of 2): Can you tell how much padding there is on the right?

[Submit]   You have used 2 of 2 attempts

ⓘ Answers are displayed within the problem