Knowledge checks (not graded)

Here are some questions for a self check to make sure you understand everything. These questions are not graded.

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1. Compatibility of combinations

Which of the following combinations are NOT compatible? Which of the following will not work?
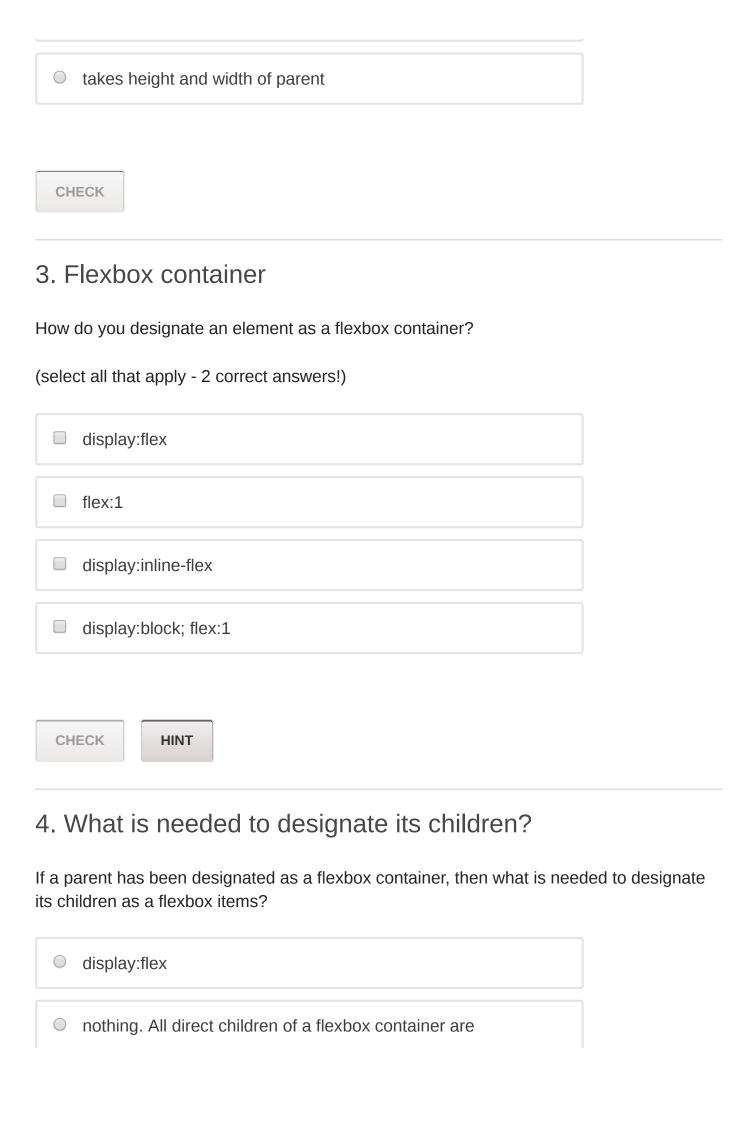
○ display:inline; min-width:200px;

○ display:inline-block; max-width:100px;

○ display:block; width:200px;

CHECK

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2. Default sizing

Which of the following correctly describe the default sizing of a block level element? How does a block level element behave when no sizing properties are applied?

○ horizontally sizes to its own content, takes the height of its parent

○ vertically sizes to own content, takes the width of parent

○ sized horizontally and vertically to its content

○ takes height and width of parent

CHECK

3. Flexbox container

How do you designate an element as a flexbox container?

(select all that apply - 2 correct answers!)

☐ display:flex

☐ flex:1

☐ display:inline-flex

☐ display:block; flex:1

CHECK   HINT

4. What is needed to designate its children?

If a parent has been designated as a flexbox container, then what is needed to designate its children as a flexbox items?

○ display:flex

○ nothing. All direct children of a flexbox container are

automatically made into flexbox items.

○ position:static

○ flex:1

CHECK

5. Flexbox layout

Examine this image of a flexbox layout:

Which of the following is true?

○ the flexbox container has flex-flow:row wrap;

○ the last flexbox item has clear:both

○ the flexbox container has flex-flow:row;

○ the flexbox container has flex-flow: column;

CHECK   HINT

6. Flexbox container with three children

There is a flexbox container with three children with *identical content*.

The flexbox container has `flex-flow:row;`

The first child has `flex:1` applied to it, the second `flex:2`, and the third `flex:3`.

flex:1 is the same as which of the following?

- ○ flex-basis: 1px;

- ○ flex-grow: 1

- ○ flex-shrink: 1

CHECK

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7. Which of the following are possible...

There is a flexbox container with three children with *identical content*.

The flexbox container has `flex-flow:row;`

The first child has `flex:1` applied to it, the second `flex:2`, and the third `flex:3`.

When examined in the browser, which of the following are possible?

(select all that apply - 2 correct answers!)

- ☐ all three elements are the same width.

- ☐ the first item is wider than the others.

☐ the first item is the narrowest and the third item the widest.

☐ the first item is much narrower, and the second and third items are the same width.

CHECK   HINT

8. Full flex property

Which of the following is the correct description of the full `flex` property?

○ `flex: <flex-grow> <flex-basis> <flex-shrink>`

○ `flex: <flex-grow> <flex-shrink> <flex-basis>`

○ `flex: <flex-shrink> <flex-grow>`

○ `flex: <flex-grow> <flex-start> <flex-end>`

CHECK