

1. Describe in BEM terminology what the B, E, and M stand for.	Block: standalone entity that is meaningful on its own Ex: header, container, menu, navbar, input Element - part of a block, no meaning on its own Ex: Element: menu item, list-item, header title, input label
	Modifier: A flag on a block or element used to change appearance or behavior Ex: disabled, color (ie yellow), size (ie big), fixed
2. Describe these attributes: font-size: font-weight: font-style: font-family: text-transform: text-decoration: text-align:	font-size: size of the letters font-weight: boldness of the letters font-style: normal, italic, oblique font-family: actual font - like Arial, Helvetica, sans-serif text-transform: text casing text-decoration: underlining text-align: text justification (left, right, etc)
3. Does the universal selector affect specificity? Combinators like>?	No! Both have no impact on specificity.
4. Explain and use the shorthand versions of grid-column and grid-row to define how an element will span a grid layout.	grid-column: grid-column-start / grid-column-end grid-row: grid-row-start / grid-row-end can use grid-area with grid-template-areas to visualize grid layout grid-template-areas: each string represents one row use grid-areas name to define region element will take up grid-area: grid-row-start / grid-column-start / grid-row-end / grid-column-end
5. Given the following CSS rule, write a media query that would change the product-index container so the items appear in a vertical fashion for a viewport width less than or equal to 300px: .product-index { display: flex; } .product-index_item { background-color: blue; }	<pre>@media screen and (max-width: 300px) { product-index { flex-direction: column; } }</pre>
6. hat is the overflow-y property?	The overflow-y property specifies whether to clip the content, add a scroll bar, or display overflow content of a block-level element, when it overflows at the top and bottom edges.
7. How do you adjust items along the cross-axis (up, down, center)?	Use align-itmes: flex-start, flex-end, center, etc.
8. How do you adjust items along the main axis (left, right, center, etc.)?	Use justify-content: flex-start; flex-end; center
9. How do you assign an element to a grid area?	Use grid-area (with the grid template area name you previously assigned)
no. How do you create a grid?	Set the grid container class's display to grid or inline-grid
n. How do you create spans across multiple columns and rows?	Use grid-column-start / grid-column-end and grid-row-start / grid-row-end
12. How do you import other CSS files into your CSS file?	@import "html or localpath"
13. How do you put items into the grid?	All direct children of the grid container automatically become grid items. All direct children of the grid container automatically become grid items.

14. How do you set the areas between elements in the grid?	These areas are called gutter areas. Use grid-column-gap, grid-row-gap, grid-gap
15. How do you specify the layout of the grid?	Use grid-template-columns, grid-template-rows, and grid-template properties to specify the layout of the grid using relative and absolute measures.
16. How would you compose a CSS BEM class with a modifier?	.block_elemmod
17. How would you create a BEM class name for a nav list-container with a shadow?	nav_list-containershadow
18. How would you write out all the relevant properties of a grid_container?	.grid_container {display: grid; grid-column-gap: 50px;
	grid-row-gap: 50px; grid-gap: 50px 100px; / row, column / grid
	template-columns: repeat(4 1fr) /can use px, or auto or combined to specify number of cols / $$
	grid-template-rows: 80px 200px / ditto above /
	justify-content: space-between; /space-around, center, start, end, space-evenly /
	align-content: space-around; / space-evenly, space-around, space-betwen, center, start, end /
	grid-template-areas: 'area area ' / (template area "area" uses two of 5 cols) / 'area1 area2 area3 area4 area5' / to name areas used in grid items to indicate where item goes / }
19. If I wanted my CSS to create an element in the HTML, how would I do that?	Psuedo-elements: selector::pseudo-element { property: value; } / The first line of every element. / p::first-line { color: blue; text-transform: uppercase; }
20. If I wanted to apply the same style to your body, div, paragraph, span, unordered list and line item elements in a single rule, what would I do?	Use comma's: body, div, p, span, ul, li { color: red; }
21. If I want to set a color with some level of transparency, how do I do that?	Use rgba() instead of rgb, where the final argument is the level of transparency between 0 and 1, where 0 is totally invisible, and 1 is completely solid.
22. If you wanted to create an element on the page that would stay in the same place relative to the document, even if I scroll or change the size of the window, what property would I use?	position: fixed! The element is removed from the page flow and is typically positioned relative to the document itself and not to an ancestor element. It is positioned using the top, right, bottom and left properties. The element remains in the same spot on the page, regardless of viewport size or scrolling.

23. If you want to set an element to a specific position on the page, never to have its position interrupted by any other element, what position setting would you choose?	position: absolute Remember, with position absolute a parent must be set to a non-static setting. If not, the element will be positioned relative to the document root Also remember, this position setting will allow the element to scroll out of view.
24. In the following list, choose which elements have "inline" display value: div span p a button ul textarea	span a button textarea
25. Under what condition does the overflow property work?	It only works for block elements with a specified height
26. What are the 3 absolute length measures in CSS?	pt: point px: pixel cm: centimeter
27. What are the arguments of box-shadow? How do they differ from text-shadow?	offset-x, offset-y, blur-radius, color You can also set your text-shadow to inherit, inital, or unset
28. What are the arguments of the border property?	border: 1px solid lightblue; 1. thickness (like 2px, or 3em) 2. line style(solid, dotted, dashed, double, groove, ridge, hidden) 3. line color (red, rgb(255, 255, 255), etc.
29. What are the different steps of the AJAX request & response cycle?	Trigger: in order to know when to run an AJAX cycle, we need to have event listeners that triggers a request to the server. Try/Catch: depending on if you use an async function or chain a series of .then, you want to setup the framework for your error handling. Fetch: now that an event has been triggered, we use JS to build a request (can be any of the 5 HTML request types) depending on what we want to do. Typically we use fetch. Async: wait for that promise to be fulfilled, then save the result into a variable. Parse: now we've got our data, we need to run another async process - parse, typically JSON Act: finally we're actually going to do something with that data from our server (though in some select use cases, we don't need to do anything), like update the DOM, or trigger another function.
30. What are the four types of media that a media query can target?	all: Able to work on every device print: Anytime a document is set to print mode, with the intention of printing screen: Any phone, tablet, computer, smart device, etc. speech: For use with speech synthesizers

31. What are the overflow properties and values?	visible: The overflow is not clipped. It renders outside the elements box. This is default hidden: The overflow is clipped, and the rest of the content will be invisible scroll: The overflow is clipped, but a scroll-bar is added to see the rest of the content auto: If overflow is clipped, a scroll-bar should be added to see the rest of the content initial: Sets this property to its default value. inherit: Inherits this property from its parent element
32. What are the property display values?	inline inline-block block grid flex
33. What are the rules for using a flex box?	A flexible layout must have a parent element with the display property set to flex. Direct child elements of the flexible container automatically become flexible items.
34. What are the types of shadow?	text-shadow or box-shadow
35. What are the typical grid_item properties?	.grid_item { grid-column-start: 1;
	grid-column-end: 3; //or use
	grid-column: 1 / span 3; //start on column 1, span 3 columns 1 / 3; // start on 1, end on 3 grid-row-start: 1;
	grid-row-end: 3;
	grid-row: 1 / span 3; //start on row 1, span 3 rows; 1 / 3; // start on row 1, end on row 3;
	grid-area: areal; // named area related to grid-template-areas on grid_container
	1 / 2 / 5 / 6 // (row start, col start, row end, col end) }
36. What does AJAX stand for?	Asynchronous JavaScript and XML
37. What does align-items do in a flex-box? What are it's options?	It defines the default behavior for how items are laid out along the cross axis. Options are: flex-start, flex-end, center, baseline, stretch.
38. What does align-self do? What are its options?	It makes it possible to override the align-items value for a specific flex item.
	It accepts the same 5 values as align-items: flex-start, flex-end, center, baseline, stretch.
39. What does flex-direction do? What are its options?	Defines how flexbox items are ordered within a flexbox container.
	Choices are: row, row-reverse, column, column-reverse
40. What does flex-wrap do? What are its options?	Defines whether the flex items are forced in a single line, or can be flowed into multiple lines.
	Options: nowrap(default), wrap, wrap-reverse

What does order do in a flex box Sets the order of each item. For instance, if you have 5 boxes, you can set one box to be the box which will push the first A boxes to the fleth and this box with the 16th box which will push the first A boxes to the fleth and this box with the 16th 5th box which will push the first A boxes to the fleth and this box with the 16th 5th box which will push the first A boxes to the fleth and this box with the 16th box which will push the first A boxes to the fleth and this box with the 16th box which will be the 5th box. What does not fit will not be displayed.	4). What does justify-content do in a flex-box? What are its options?	It defines the alignment along the main axis.
the 5th box which will push the first 4 boxes to the left and this box will be the 5th box. If the content is too large to fill in the box, the content that does not filt will not be displayed. What does the overflow CSS property of the property of the post of the three primary colors are elements content is too light of the in a specified area. What do the r g and b in rgb() mean? They represent the level of saturation of the three primary colors red, green, blue (contained lower) as a wild, but color theory is dumb like that) What do we call a selector like hever or focus? What is a selector position? Element is removed from the flow of the document and other elements will behave as if its not even there whilst all the other positional properties will work on it. Alax is a group of different technologies that work together to allow a website to communicate with a server in the background without requiring the website to reload in order of oligibal ynew changes. What is an AIAX request? What is an em? This is a relative length unit in CSS. It is based relative to its parent or direct of oligibal ynew changes. What is a pseudo-element? What is a pseudo-class? What is a pseudo-class? A pseudo-class is a selector that selects elements that are in a specific state, e.ghover or infirst-child What is fixed position? Mays relative to the document, not any particular parent, and are unaffected by scrolling. What is passed or the properties of the position of the element to linke padding, we don't consider margin to be a part of the element is still in the flow of the document, but now left/right/top/botom/z-index will work. What is fixed position? What is relative position? What is relative position? The space between one him! element and another him! element unit we padding, we don't consider margin to be a part of the element. What is the default positioning position: Patient to the box model — creating space around an elements content (like putting on a purify jacket) What is the default		The values are: flex-start; flex-end; center; space-between; space-around; space-evenly.
displayed. What does the overflow CSS properly do? It specifies what should happen if content overflows an elements box. This property specifies whether to clip content or to add scrollbars when an elements content is too big to fit in a specified area. What do the r g and b in rgb0 mean? What do we call a selector like hover or focus? What is a besolute position? Element is removed from the flow of the document and other elements will behave as if it's not even there whilst all the other positional properties will work on it voor there whilst all the other positional properties will work on it. AlAX is a group of different technologies that work together to allow a website to communicate with a server in the background without requiring the website to reload in order to display new changes. What is a pseudo-class? A pseudo-class is a selector that selects element by start with a :: What is a pseudo class? A pseudo-class is a selector that selects element. They start with a :: What is a pseudo class? A pseudo-class is a selector that selects element but are in a specific state. e.g.: hover or first-child What is a pseudo-class? A pseudo-class is a selector that selects elements that are in a specific state. e.g.: hover or first-child What is margin? This is a relative the document, not any particular parent, and are unaffected by scrolling. What is margin? The space between one him! element and another him! element Unlike padding, we don't consider margin to be a part of the element. What is relative position? What is the default positioning setting: What is the default positioning position static is default. However, the element set to position static will not be able to be order and padding in the width and height, while content-box? What is the default positioning Position relative to itself; i.e. the element set to position static will not be able to be order-not position; relative to itself to a non-static value, such that child elements may be positioner relative? What is the defa	42. What does order do in a flex box?	
do? 4. What do the r g and b in rgb() mean? They represent the level of saturation of the three primary colors: red, green, blue (confusing I know, those aren't the primary colors: learned about as a kid. but color theory is dumb like that) 4. What do we call a selector like hover or focus? 2. What is absolute position? Element is removed from the flow of the document and other elements will behave as if it's not even there whilst all the other positional properties will work on it. 4. What is a default overflow value? 4. What is a default overflow value? 4. What is an AJAX request? 5. What is an AJAX request? 5. What is an em? 5. What is an em? 5. What is a pseudo-element? 6. What is a pseudo-element? 7. This is a relative length unit in CSS. It is based relative to its parent. 8. What is a pseudo-class? 8. What is a pseudo-class? 8. What is a pseudo-class? 8. What is a rem? 9. This is a relative length unit in CSS. It is based upon the root's value. 9. What is a pseudo-class? 1. A pseudo-class is a selector that selects elements that are in a specific state. e.g. shover or dirist-child 1. What is fixed position? 1. What is fixed position? 1. The space between one himl element and another himl element. Unlike padding, we don't consider margin to be a part of the element. 8. What is padding? 1. What is relative position? 2. What is static position? 3. What is static position? 4. What is the default positioning position and proving a class to an evidence and another himl element. Unlike padding, we don't consider margin to be a part of the element. 5. What is padding? 1. The space between one himl element and another himl element Unlike padding, we don't consider margin to be a part of the element. 5. What is relative position? 6. What is the default positioning of all elements. 7. Positioned relative to itself; i.e. the element is still in the flow of the document, but now tellority justification and padding. 8. What is the default positioning of all elements. 8. What is the	43. What does overflow: hidden do?	
Confusing I know, those aren't the primary colors I learned about as a kid. but color theory is dumb like that)		specifies whether to clip content or to add scrollbars when an element's content is too big
what is an em? This is a relative length unit in CSS. It is based upon the markup rather than applying a class to an existing element. They start with a :s what is a pseudo-class? Always relative to the document, and are unaffected by scrolling. What is the defrault position? The innermost part of the box model creating space around an elements Culter defunding on a puffy jacket) What is margin? The innermost part of the box model creating space around an element client of the default position its children. What is relative position? The default position ing is the default position is the idifferent between box sizing: border-box; and box-sizing: Or for first feet in unit of measure? What is a pseudo-element? She when the sever in the background without requiring the website to retoad in order to display new changes. What is a pseudo-element? This is a relative length unit in CSS. It is based relative to its parent. Pseudo-elements behave as if you had added a whole new HTML element into the markup rather than applying a class to an existing element. They start with a :: What is a pseudo-class? A pseudo-class is a selector that selects elements that are in a specific state, e.g.: shover or iffirst-child What is fixed position? Always relative to the document, not any particular parent, and are unaffected by scrolling. What is margin? The space between one html element and another html element. Unlike padding, we don't consider margin to be a part of the element. What is relative position? The innermost part of the box model creating space around an element's content (like putting on a puffy jacket) What is static position? The default positioning of all elements What is the default positioning between box sizing: border-box; and box-sizing: border-box includes the border and padding in the width and height, while content-box does not include the border and padding. What is the most common use? Setting the parent element to a non-static value, such that child elements may be position; relati	45. What do the r g and b in rgb() mean?	(confusing I know, those aren't the primary colors I learned about as a kid but color theory
not even there whilst all the other positional properties will work on it 4a What is a default overflow value? What is an AJAX request? AJAX is a group of different technologies that work together to allow a website to communicate with a server in the background without requiring the website to reload in order to display new changes. 5a What is an em? This is a relative length unit in CSS. It is based relative to its parent Pseudo-elements behave as if you had added a whole new HTML element into the markup, rather than applying a class to an existing element. They start with a :: 5a What is a pseudo-class? A pseudo-class is a selector that selects elements that are in a specific state, e.g. shover or sifrst-child 5a What is fixed position? Always relative length unit in CSS. It is based upon the root's value. Always relative to the document, not any particular parent, and are unaffected by scrolling. The space between one html element and another html element. Unlike padding, we don't consider margin to be a part of the element. Always relative to itself, i.e. the element is still in the flow of the document, but now left/right/top/bottom/z-index will work. Alwa What is static position? Positioned relative to itself, i.e. the element set to position static will not be able to be used to position static is default. However, the element set to position static will not be able to be used to position its children. Alwa What is the different between box-sizing: border-box; and box-sizing: order-box; and box-sizing: fr. fraction unit of measure used for creating grid layout What is the most common use for position: relative to this parent. Any non-static setting will allow this, but relative is the		ul:hover { color: red;
AJAX is a group of different technologies that work together to allow a website to communicate with a server in the background without requiring the website to reload in order to display new changes. 50 What Is an em? This is a relative length unit in CSS. It is based relative to its parent. 51 What is a pseudo-element? A pseudo-elements behave as if you had added a whole new HTML element into the markup, rather than applying a class to an existing element. They start with a: A pseudo-class is a selector that selects elements that are in a specific state. e.g.: hover or ifirst-child. 53 What is a rem? This is a relative length unit in CSS. It is based upon the root's value. 54 What is fixed position? Always relative to the document, not any particular parent, and are unaffected by scrolling. 55 What is margin? The space between one html element and another html element. Unlike padding, we don't consider margin to be a part of the element. 56 What is relative position? The innermost part of the box model — creating space around an element's content (like putting on a puffy jacket) 57 What is relative position? The default positioning of all elements 58 What is static position? The default positioning of all elements 59 What is the default positioning position: static is default. However, the element set to position static will not be able to be used to position its children. 50 What is the different between box-sizing: content-box; and box-sizing: content-box; and box-sizing: content-box does not include the border and padding. 60 What is the most common use for position unit of measure used for creating grid layout 61 What is the most common use for position relative to this parent. Any non-static setting will allow this, but relative is the	47. What is absolute position?	
communicate with a server in the background without requiring the website to reload in order to display new changes. 50. What is an em? This is a relative length unit in CSS. It is based relative to its parent 51. What is a pseudo-element? Pseudo-elements behave as if you had added a whole new HTML element into the markup, rather than applying a class to an existing element. They start with a :: 52. What is a pseudo class? A pseudo-class is a selector that selects elements that are in a specific state. e.g. :hover or :first-child 53. What is a rem? This is a relative length unit in CSS. It is based upon the root's value. 54. What is fixed position? Always relative to the document, not any particular parent, and are unaffected by scrolling. 55. What is margin? The space between one html element and another html element Unlike padding, we don't consider margin to be a part of the element. 56. What is relative position? The innermost part of the box model creating space around an elements content (like putting on a puffy jacket) 57. What is relative position? Positioned relative to itself; i.e. the element is still in the flow of the document, but now telf/pright/top/bottom/z-index will work. 58. What is static position? The default positioning of all elements 59. What is the default positioning position: static is default. However, the element set to position static will not be able to be used to position its children. 59. What is the different between box sizing: border-box; and box-sizing: content-box; and box-sizing: content-box; and box-sizing: content-box of the common use for position relative to this parent element to a non-static value, such that child elements may be position: relative? 50. What is the most common use for positioned relative to this parent Any non-static setting will allow this, but relative is the	48. What is a default overflow value?	visible: The overflow is not clipped. It renders outside the element's box if it overflows.
Pseudo-elements behave as if you had added a whole new HTML element into the markup, rather than applying a class to an existing element. They start with a :: 52 What is a psuedo class? A pseudo-class is a selector that selects elements that are in a specific state. e.g. :hover or :first-child 53 What is a rem? This is a relative length unit in CSS. It is based upon the roots value. 54 What is fixed position? Always relative to the document, not any particular parent, and are unaffected by scrolling. 55 What is margin? The space between one html element and another html element. Unlike padding, we don't consider margin to be a part of the element. 56 What is padding? The innermost part of the box model creating space around an element's content (like putting on a puffy jacket) 57 What is relative position? Positioned relative to itself; i.e. the element is still in the flow of the document, but now left/right/top/bottom/z-index will work. 58 What is static position? The default positioning of all elements 59 What is the default positioning setting: 60 What is the different between box-sizing; content-box; and box-sizing the parent element to a non-static value, such that child elements may be position: relative? Setting the parent element to a non-static value, such that child elements may be position: relative?	49. What is an AJAX request?	communicate with a server in the background without requiring the website to reload in
rather than applying a class to an existing element. They start with a :: 52 What is a psuedo class? A pseudo-class is a selector that selects elements that are in a specific state. e.g. :hover or :first-child 53. What is a rem? This is a relative length unit in CSS. It is based upon the root's value. 54. What is fixed position? Always relative to the document, not any particular parent, and are unaffected by scrolling. 55. What is margin? The space between one html element and another html element. Unlike padding, we don't consider margin to be a part of the element. 56. What is padding? The innermost part of the box model — creating space around an element's content (like putting on a puffy jacket) 57. What is relative position? Positioned relative to itself; i.e. the element is still in the flow of the document, but now left/right/top/bottom/z-index will work. 58. What is static position? The default positioning of all elements 59. What is the default positioning setting: a border-box; and box-sizing: content-box; and box-sizing: content-box; and box-sizing: content-box; and box-sizing: Content-box of: 60. What is the "fr' unit of measure? 61. What is the most common use for position: relative? 62. What is the most common use for positioned relative to this parent Any non-static setting will allow this, but relative is the	50. What is an em?	This is a relative length unit in CSS. It is based relative to its parent
### ### ### ### ### ### ### ### ### ##	51. What is a pseudo-element?	
Always relative to the document, not any particular parent, and are unaffected by scrolling. 54. What is margin? The space between one html element and another html element. Unlike padding, we don't consider margin to be a part of the element. 55. What is padding? The innermost part of the box model creating space around an element's content (like putting on a puffy jacket) 57. What is relative position? Positioned relative to itself, i.e. the element is still in the flow of the document, but now left/right/top/bottom/z-index will work. 58. What is static position? The default positioning of all elements 59. What is the default positioning position: static is default. However, the element set to position static will not be able to be used to position its children. 60. What is the different between box-sizing: content-box; and box-sizing: content-box and box-sizing: content-box? 61. What is the most common use for position: relative? 52. What is the most common use for positioned relative to this parent. Any non-static setting will allow this, but relative is the	52. What is a psuedo class?	· · · · · · · · · · · · · · · · · · ·
The space between one html element and another html element Unlike padding, we don't consider margin to be a part of the element The innermost part of the box model — creating space around an element's content (like putting on a puffy jacket) Mhat is relative position? Positioned relative to itself; i.e. the element is still in the flow of the document, but now left/right/top/bottom/z-index will work. The default positioning of all elements Mhat is the default positioning position: static is default However, the element set to position static will not be able to be used to position its children. Mhat is the different between box-sizing: border-box; and box-sizing: border-box and box-sizing: border-box; and box-sizing: content-box? Mhat is the 'fr' unit of measure? fr: fraction unit of measure used for creating grid layout Setting the parent element to a non-static value, such that child elements may be position: relative? Setting the parent element to an on-static value, such that child elements may be positioned relative to this parent. Any non-static setting will allow this, but relative is the	53. What is a rem?	This is a relative length unit in CSS. It is based upon the root's value.
consider margin to be a part of the element 56. What is padding? The innermost part of the box model creating space around an element's content (like putting on a puffy jacket) 57. What is relative position? Positioned relative to itself; i.e. the element is still in the flow of the document, but now left/right/top/bottom/z-index will work. 58. What is static position? The default positioning of all elements 59. What is the default positioning position: static is default. However, the element set to position static will not be able to be used to position its children. 60. What is the different between box-sizing: border-box; and box-sizing: content-box? 61. What is the 'fr' unit of measure? 62. What is the most common use for position: relative? 53. Setting the parent element to a non-static value, such that child elements may be positioner relative?	54. What is fixed position?	Always relative to the document, not any particular parent, and are unaffected by scrolling.
putting on a puffy jacket) 57. What is relative position? Positioned relative to itself; i.e. the element is still in the flow of the document, but now left/right/top/bottom/z-index will work. 58. What is static position? The default positioning of all elements 59. What is the default positioning position: static is default. However, the element set to position static will not be able to be used to position its children. 60. What is the different between box-sizing: border-box; and box-sizing: border-box includes the border and padding in the width and height, while content-box does not include the border and padding. 61. What is the 'fr' unit of measure? fr: fraction unit of measure used for creating grid layout 62. What is the most common use for position: relative? 63. Setting the parent element to a non-static value, such that child elements may be position: relative?	55. What is margin?	· · · · · · · · · · · · · · · · · · ·
left/right/top/bottom/z-index will work. 58. What is static position? The default positioning of all elements 59. What is the default positioning position: static is default. However, the element set to position static will not be able to be used to position its children. 60. What is the different between box-sizing: border-box; and box-sizing: border-box includes the border and padding in the width and height, while content-box does not include the border and padding. 61. What is the 'fr' unit of measure? fr: fraction unit of measure used for creating grid layout 62. What is the most common use for position: relative? 63. Setting the parent element to a non-static value, such that child elements may be positioned relative to this parent. Any non-static setting will allow this, but relative is the	56. What is padding?	- · · · · · · · · · · · · · · · · · · ·
position: static is default However, the element set to position static will not be able to be used to position its children. 60. What is the different between box-sizing: border-box; and box-sizing: content-box? 61. What is the 'fr' unit of measure? 62. What is the most common use for position: relative? 63. What is the most common use for position: relative? 64. What is the most common use for position: relative?	57. What is relative position?	·
setting? Used to position its children. 60. What is the different between box- sizing: border-box; and box-sizing: content-box? 61. What is the 'fr' unit of measure? 62. What is the most common use for position: relative? Used to position its children. border-box includes the border and padding in the width and height, while content-box does not include the border and padding. fr: fraction unit of measure used for creating grid layout Setting the parent element to a non-static value, such that child elements may be position: relative?	58. What is static position?	The default positioning of all elements
sizing: border-box; and box-sizing: does not include the border and padding. 61. What is the 'fr' unit of measure? fr: fraction unit of measure used for creating grid layout 62. What is the most common use for position: relative? Setting the parent element to a non-static value, such that child elements may be positioned relative to this parent. Any non-static setting will allow this, but relative is the		·
Setting the parent element to a non-static value, such that child elements may be position: relative? Setting the parent element to a non-static value, such that child elements may be positioned relative to this parent. Any non-static setting will allow this, but relative is the	sizing: border-box; and box-sizing:	
position: relative? positioned relative to this parent. Any non-static setting will allow this, but relative is the	61. What is the 'fr' unit of measure?	fr: fraction unit of measure used for creating grid layout
		positioned relative to this parent. Any non-static setting will allow this, but relative is the

63. What is the overflow-x property?	Overflow-x specifies whether to clip the content, add a scroll bar, or display overflow content of a block-level element, when it overflows at the left and right edges.
64. What is the z-index?	z-index refers to the "third dimension" i.e. stacking elements on top of each other. A higher z-index means bringing the element to the top.
65. What position setting completely removes itself from the document flow, and what is that position dependent upon?	- Completely removes the element from the document flow. - Elements around it position themselves as though the element didn't exist. - Absolute in conjunction with top, bottom, left, right, reference the parent element who's position is NOT static. - If there is no parent element that is NOT static, then the position of top, bottom, etc, will be relative to the root document. - Position absolute will scroll out of view.
66. What position setting initially is relative, but as you scroll it becomes fixed to the top of the page?	position: stickey This is a combination of both relative and fixed position. While you scroll, this position remains relative. But as you scroll the parent out of view this becomes fixed position, never scrolling out of view.
Ø. What position setting will allow you to position the element with (top, bottom, left, right) relative to its normal position?	position: relative position: relative does not change anything on its own, without setting top, bottom, left, and right
68. What properties can we use to manipulate the children elements of a flex?	flex-grow: determines how much available space the element will take up (1, 2 , 3^*) So if you have 3 elements, and one is set to flex-grow: 3, this element gets 3 times the size, and the other elements get smushed to fit flex-basis: initial item size; can set to auto which will evenly distribute the elements within the flex box flex-shrink: determines how much the flex item can shrink relative to the rest
69. What properties control the way elements are laid out in a flex-box?	justify-content: alignment & distribution of space along the x (aka the main) axis align-items: alignment along the y (aka the cross) axis
70. What property do I use in a CSS rule to add an image to the background of an element?	background-image: url(<relative or="" path="" url="">)</relative>
71. What property do you use to set the font color?	color:
72. What property would we use to label areas of a grid?	grid-template-areas: "area1 area2 area2" "area3 area2 area2" "area4 area5 area6"
73. What selector would I use when writing a rule I wanted to apply to all the direct children of an element, as well as all of their children?	The space selector, i.e: ul li { color: red }
74. What selector would I use when writing a rule I wanted to apply to all the direct children of an element, but not all of their children?	The direct child selector: > ul > li { color: red }
75. What to attributes must a link element have to bring a new stylesheet?	a rel & an href: rel="stylesheet" href="file.css"

76.	What would you use if you want to lock an element into a specific position, not dependent upon a parent element, which will remain in the same position regardless of scrolling?	position: fixed Again note: Position fixed is similar to position absolute BUT rather than positioning itself relative to a parent element, it positions itself relative to the document and a specific on-screen position. However, unlike position absolute, when scrolling begins, this element will not move with the scrolling.
77.	When it comes to modern programming, what are the two main features of AJAX we care about and why?	Asynchronous - we can do a thing, whether that's PATCH or GET or DELETE, and we won't impact our users' ability to do other things on the page. Javascript engine - because we use JS to handle the "thinking" in our page, we don't need to rely on HTML to build or rebuild the page after changes. Instead we can use JS to make the necessary inserts/changes/deletions.
78.	Which of the following has block as their default display value: div span p a button ul textarea	div p ul
79.	Why does a flex-box layout use the word flex?	Because the size of the box is responsive to the height & width of the viewport - as it gets bigger or smaller in either of those directions, the size of the box will "flex".
80.	Why do we use AJAX?	We don't have to refresh the entire HTML page, and it's a smaller amount of data that needs to be transferred. Without AJAX we would make a request, and get back the full HTML of the page, which is some cases can be a pretty large amount of data.
81.	Why do we use web fonts?	Without loading web fonts, you are depending upon the browser to have the font you specify which may not be the case. Either downloading a font, or using a web font alleviates that problem and you can be assured the font will always be available.
82	Write an event listener that checks to see if an element with the id of downvote has been clicked, then write a fetch to update the server, parse the response, update the DOM (element with an id of score), and handle an error. Use an async function.	const downvote = document querySelector('#downvote') const score = document querySelector('#score') downvote.addEventListener('click', async () => { try { let res = await fetch('http://localhost:3000/kitten/downvote', {method: 'PATCH' }) if (!res.ok) throw res let parsed = await res.json() score.innerHTML = parsed.score } catch (e) { let parsedErr = e.json() alert(parsedErr) } });

83. Write an event listener that checks to see if an element with the id of downvote has been clicked, then write a fetch to update the server, parse the response, update the DOM (element with an id of score), and handle an error.	<pre>const downvote = documentquerySelector('#downvote') const score = documentquerySelector('#score')</pre>
Use .then method.	<pre>downvote.addEventListener('click', () => { fetch('http://localhost:3000/kitten/downvote', {method: 'PATCH' }) then(res => res.json()) then(res => score.innerHTML = res.score) catch(handleError(error)); });</pre>