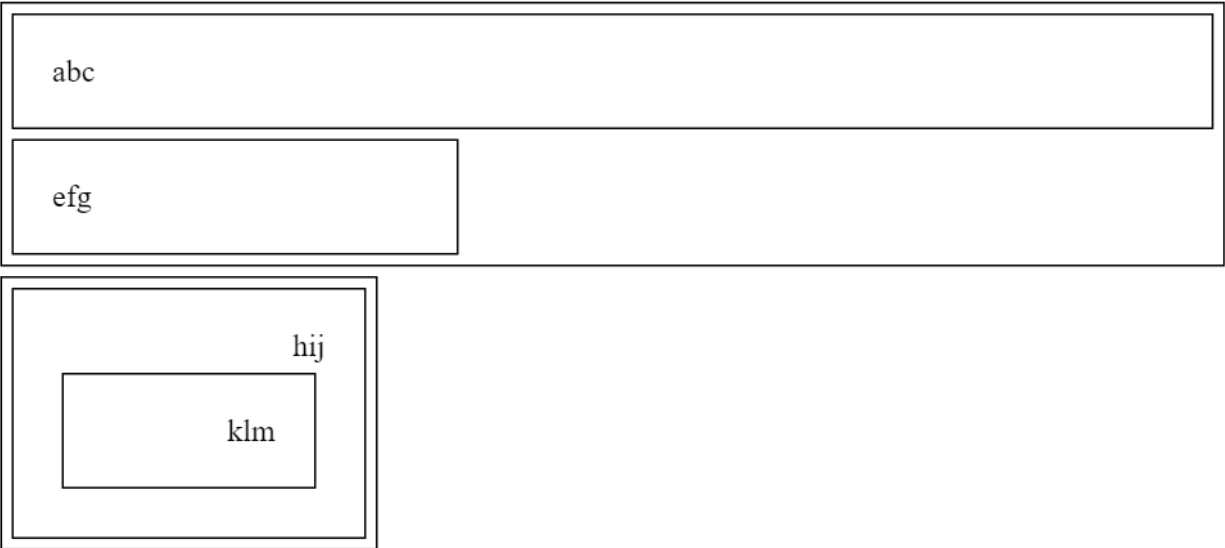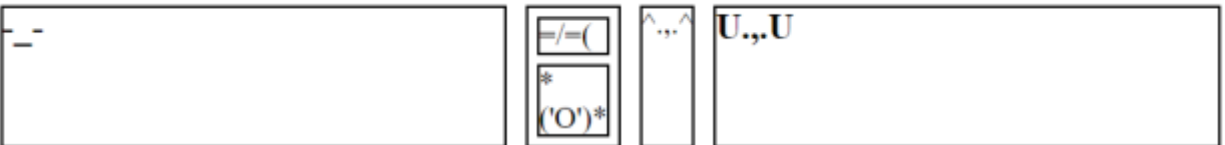# Review Key

There are several different acceptable solutions to the Javascript questions. Only one variation for each is shown in this document.

1. a)

abc

efg

hij

klm

b)

└_¯

=/=(
*
('O')*

^.,.^

U.,.U

2. CSS

```css
body {
        background-color: #DDD;
}
#info img {
        float: right;
        height: 200px;
        margin: 10px;
}
#info {
        padding-left: 2%;
        width:78%;
}
#stats {
        width: 20%;
        background-color: #AAA;
}
li {
        list-style: none;
        margin-bottom: 10px;
        margin-right: 5px;
        font-size: 10pt;
}
ul {
        padding-left: 15px;
}
h1, h3, #gallery {
        text-align: center;
}
#gallery div {
        display: flex;
        justify-content: center;
}
#gallery img {
        height: 130px;
        vertical-align: top;
        margin: 5px;
}
#main {
        border: 5px solid #AAA;
        display: flex;
        width: 80%;
        margin-left: auto;
        margin-right: auto;
}
```

3.

```javascript
var timer = null;

window.onload = function() {
        document.getElementById("start").onclick = start;
        document.getElementById("stop").onclick = stop;
        document.getElementById("mole").onclick = point;
}

function start() {
        timer = setInterval(move, 1000);
}

function stop() {
        clearInterval(timer);
}

function move() {
        var mole = document.getElementById("mole");
        var fieldWidth = parseInt(window.getComputedStyle(document.getElementById("field")).width));
        var fieldHeight = parseInt(window.getComputedStyle(document.getElementById("field")).height));
        var moleWidth = parseInt(window.getComputedStyle(document.getElementById("mole")).width));
        var moleHeight = parseInt(window.getComputedStyle(document.getElementById("mole")).height));
        mole.style.top = Math.floor(Math.random() * (fieldHeight - moleHeight) + "px";
        mole.style.left = Math.floor(Math.random() * (fieldWidth - moleWidth) + "px";
}

function point(event) {
        var mole = document.getElementById("mole");
        document.getElementById("score").innerHTML =
            (parseInt(document.getElementById("score").innerHTML) + 1) + " points";
}
```

4.

```javascript
window.onload = function() {
      document.getElementById("add").onclick = add;
      document.getElementById("list").onmouseover = color;
      document.getElementById("list").onmouseout = blank;
}

function add() {
      var item = document.createElement("li");
      item.innerHTML = document.querySelector("input").value;
      document.getElementById("list").appendChild(item);
}

function color() {
      changeColor("red");
}

function blank() {
      changeColor("black");
}

function changeColor(color) {
      var items = document.querySelectorAll("li");
      for(var i = 0; i < items.length; i++) {
            items[i].style.color = color;
      }
}
```