

# Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

## Showing results for contents of text-input area

### Checker Input

Show ☒ source ☐ outline ☐ image report

Options...

Check by  ☐ css

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <!-- X-UA-Compatible meta tag, to render web pages in older versions of
Internet Explorer-->
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <meta name="description" content="Balloon Pop Maths - a fun, interactive maths
game.">
  <meta name="keywords" content="Maths, Game, Interactive">
  <meta name="author" content="Richard Ash">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <!-- Link to Balloon Favicon -->
  <link rel="shortcut icon" href="assets/images/balloon-favicon.ico"
type="image/x-icon">
```

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

**Document checking completed. No errors or warnings to show.**

### Source

```
1. <!DOCTYPE html><↵
2. <html lang="en"><↵
3. <head><↵
4.   <meta charset="UTF-8"><↵
5.   <!-- X-UA-Compatible meta tag, to render web pages in older versions of
Internet Explorer--><↵
6.   <meta http-equiv="X-UA-Compatible" content="ie=edge"><↵
7.   <meta name="description" content="Balloon Pop Maths - a fun, interactive
maths game."><↵
8.   <meta name="keywords" content="Maths, Game, Interactive"><↵
9.   <meta name="author" content="Richard Ash"><↵
10.  <meta name="viewport" content="width=device-width, initial-scale=1"><↵
11.  <!-- Link to Balloon Favicon --><↵
12.  <link rel="shortcut icon" href="assets/images/balloon-favicon.ico"
type="image/x-icon"><↵
13.  <!-- Link to Bootstrap 4.4.1 CDN --><↵
14.  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css
```

```

" integrity="sha384-
Vkoo8x4CGs03+HhXv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous">↵
15. <!-- Link to Google Fonts -->↵
16. <link rel="preconnect" href="https://fonts.gstatic.com">↵
17. <!-- Link to Nunito font -->↵
18. <link href="https://fonts.googleapis.com/css2?
family=Nunito:wght@400;600;700&display=swap" rel="stylesheet">↵
19. <!-- Link to Font Awesome Kit -->↵
20. <script src="https://kit.fontawesome.com/7863bec69d.js"
crossorigin="anonymous"></script>↵
21. <!-- Link to Custom CSS -->↵
22. <link rel="stylesheet" href="assets/css/style.css">↵
23. <!-- Link to Email JS -->↵
24. <script src="https://cdn.jsdelivr.net/npm/emailjs-
com@2/dist/email.min.js"></script>↵
25. <title>Balloon Pop Maths</title>↵
26. </head>↵
27. <body>↵
28. <!-- Balloon Pop Maths Home Page, Menu -->↵
29. <section id="heading-section" class="container-sm">↵
30. <!-- Balloon Pop Maths Heading -->↵
31. <div class="row">↵
32. <!-- Screens smaller than md -->↵
33. <div class="col-12 d-md-none container-heading-main text-
center">↵
34. <a href="index.html">↵
35. <h1 class="heading-main">Balloon</h1>↵
36. <h1 class="heading-main">Pop↵
37. ↵
38. </h1>↵
39. <h1 class="heading-main">Maths</h1>↵
40. </a>↵
41. </div>↵
42. <!-- Screens larger than md -->↵
43. <div class="col-12 d-none d-md-block container-heading-main-large
text-center">↵
44. <a href="index.html">↵
45. <h1 class="heading-main">Balloon Pop
Maths</h1>↵
46. </a>↵
47. </div>↵
48. </div>↵
49. </section>↵
50. <!-- Options -->↵
51. <section id="options-section" class="container-sm" aria-label="Options
Section">↵
52. <div class="row">↵
53. <div class="col-md-2"></div>↵
54. <div class="col-md-8">↵
55. <!-- Game Mode Options -->↵
56. <div class="btn-group btn-group-toggle d-flex w-100 container-
button-group" data-toggle="buttons">↵
57. <label id="multiply" class="btn btn-xl w-100 btn-info btn-
text active">↵
58. <input type="radio" aria-label="Multiplication"
name="game-mode" checked> x↵
59. </label>↵
60. <label id="divide" class="btn btn-xl w-100 btn-info btn-
text">↵
61. <input type="radio" aria-label="Division" name="game-
mode"> &divide;↵
62. </label>↵
63. <label id="add" class="btn btn-xl w-100 btn-info btn-
text">↵
64. <input type="radio" aria-label="Addition" name="game-
mode"> +↵
65. </label>↵

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66.         <label id="subtract" class="btn btn-xl w-100 btn-info btn-
text"><
67.             <input type="radio" aria-label="Subtraction"
name="game-mode"> -<
68.         </label><
69.     </div><
70.     <!-- High Score --><
71.     <div class="container-button-group d-flex w-100"><
72.         <span id="highscore" class="btn-xl-nofill w-100 btn-text-
score">High Score: 0 / 10</span> <
73.     </div><
74.     <!-- Play Button, hidden until window has finished loading --
><
75.         <div class="container-button-group d-flex w-100"><
76.             <button id="play" type="button" class="btn btn-xxl w-100
btn-info btn-text">PLAY</button><
77.         </div><
78.         <!-- Audio Controls --><
79.         <div class="btn-group btn-group-toggle d-flex w-100 container-
button-group" data-toggle="buttons"><
80.             <label id="audio-on" class="btn btn-xl w-100 btn-info btn-
text active"><
81.                 <input type="radio" aria-label="Audio On" name="audio-
on" checked><i class="fas fa-volume-up"></i><
82.             </label><
83.             <label id="audio-off" class="btn btn-xl w-100 btn-info
btn-text"><
84.                 <input type="radio" aria-label="Audio Off"
name="audio-off"><i class="fas fa-volume-mute"></i><
85.             </label><
86.         </div><
87.         <!-- Options Button --><
88.         <div class="container-button-group d-flex w-100"><
89.             <button type="button" data-toggle="collapse" data-
target="#options" aria-expanded="false" aria-controls="options" class="btn
btn-xl w-100 btn-info btn-text">Options</button><
90.         </div><
91.     </div><
92. </div><
93. <!-- Collapsing Options --><
94. <div class="row collapse" id="options"><
95.     <div class="col-md-2"></div><
96.     <div class="col-md-8"><
97.         <!-- Options applicable to all games --><
98.         <div class="btn-group btn-group-toggle d-flex w-100 container-
button-group" data-toggle="buttons"><
99.             <label id="10q" class="btn btn-xl w-100 btn-info btn-text
active"><
100.                 <input type="radio" name="questions" checked> 10
Questions<
101.             </label><
102.             <label id="20q" class="btn btn-xl w-100 btn-info btn-
text"><
103.                 <input type="radio" name="questions"> 20 Questions<
104.             </label><
105.         </div><
106.         <div class="btn-group btn-group-toggle d-flex w-100 container-
button-group" data-toggle="buttons"><
107.             <label id="easy" class="btn btn-xl w-100 btn-info btn-text
active"><
108.                 <input type="radio" name="difficulty" checked> Easy<
109.             </label><
110.             <label id="medium" class="btn btn-xl w-100 btn-info btn-
text"><
111.                 <input type="radio" name="difficulty"> Medium<
112.             </label><
113.             <label id="hard" class="btn btn-xl w-100 btn-info btn-
text"><
114.                 <input type="radio" name="difficulty"> Hard<
115.             </label><

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116.         </div><␣␣␣
117.         <!-- Multiplication and Division game options --><␣␣␣
118.         <div id="options-multiply-divide"><␣␣␣
119.             <div class="row"><␣␣␣
120.                 <div class="col d-flex w-100 container-button"><␣␣␣
121.                     <span class="container-button"></span><␣␣␣
122.                     <button id="btn-mul-div-1" type="button" data-
toggle="button" aria-pressed="true"><␣␣␣
123.                         class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-toggle active">2x, 5x, 10x</button><␣␣␣
124.                         <span class="container-button"></span><␣␣␣
125.                         <button id="btn-mul-div-2" type="button" data-
toggle="button"><␣␣␣
126.                             class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-toggle">Mixed 1 to 12</button><␣␣␣
127.                             <span class="container-button"></span><␣␣␣
128.                         </div><␣␣␣
129.                     </div><␣␣␣
130.                     <div class="row"><␣␣␣
131.                         <div class="col d-flex w-100 container-button"><␣␣␣
132.                             <span class="container-button"></span><␣␣␣
133.                             <button id="btn-mul-div-3" type="button" data-
toggle="button" <␣␣␣
134.                                 class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">1x</button><␣␣␣
135.                                 <span class="container-button"></span><␣␣␣
136.                                 <button id="btn-mul-div-4" type="button" data-
toggle="button"><␣␣␣
137.                                     class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">7x</button><␣␣␣
138.                                     <span class="container-button"></span><␣␣␣
139.                                 </div><␣␣␣
140.                             </div><␣␣␣
141.                             <div class="row"><␣␣␣
142.                                 <div class="col d-flex w-100 container-button"><␣␣␣
143.                                     <span class="container-button"></span><␣␣␣
144.                                     <button id="btn-mul-div-5" type="button" data-
toggle="button"><␣␣␣
145.                                         class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">2x</button><␣␣␣
146.                                         <span class="container-button"></span><␣␣␣
147.                                         <button id="btn-mul-div-6" type="button" data-
toggle="button"><␣␣␣
148.                                             class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">8x</button><␣␣␣
149.                                             <span class="container-button"></span><␣␣␣
150.                                         </div><␣␣␣
151.                                     </div><␣␣␣
152.                                     <div class="row"><␣␣␣
153.                                         <div class="col d-flex w-100 container-button"><␣␣␣
154.                                             <span class="container-button"></span><␣␣␣
155.                                             <button id="btn-mul-div-7" type="button" data-
toggle="button"><␣␣␣
156.                                                 class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">3x</button><␣␣␣
157.                                                 <span class="container-button"></span><␣␣␣
158.                                                 <button id="btn-mul-div-8" type="button" data-
toggle="button"><␣␣␣
159.                                                     class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">9x</button><␣␣␣
160.                                                     <span class="container-button"></span><␣␣␣
161.                                                 </div><␣␣␣
162.                                         </div><␣␣␣
163.                                         <div class="row"><␣␣␣
164.                                             <div class="col d-flex w-100 container-button"><␣␣␣
165.                                                 <span class="container-button"></span><␣␣␣
166.                                                 <button id="btn-mul-div-9" type="button" data-
toggle="button"><␣␣␣
167.                                                     class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">4x</button><␣␣␣
```

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168.         <span class="container-button"></span>↵
169.         <button id="btn-mul-div-10" type="button" data-
toggle="button">↵
170.             class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">10x</button>↵
171.         <span class="container-button"></span>↵
172.     </div>↵
173. </div>↵
174. <div class="row">↵
175.     <div class="col d-flex w-100 container-button">↵
176.         <span class="container-button"></span>↵
177.         <button id="btn-mul-div-11" type="button" data-
toggle="button">↵
178.             class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">5x</button>↵
179.         <span class="container-button"></span>↵
180.         <button id="btn-mul-div-12" type="button" data-
toggle="button">↵
181.             class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">11x</button>↵
182.         <span class="container-button"></span>↵
183.     </div>↵
184. </div>↵
185. <div class="row">↵
186.     <div class="col d-flex w-100 container-button">↵
187.         <span class="container-button"></span>↵
188.         <button id="btn-mul-div-13" type="button" data-
toggle="button" ↵
189.             class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">6x</button>↵
190.         <span class="container-button"></span>↵
191.         <button id="btn-mul-div-14" type="button" data-
toggle="button" ↵
192.             class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-mul-div-sticky">12x</button>↵
193.         <span class="container-button"></span>↵
194.     </div>↵
195. </div>↵
196. </div>↵
197. <div id="options-add-subtract">↵
198.     <div class="row">↵
199.         <div class="col d-flex w-100 container-button">↵
200.             <span class="container-button"></span>↵
201.             <button id="btn-add-sub-1" type="button" data-
toggle="button" aria-pressed="true">↵
202.                 class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-add-sub-toggle active">Mixed to 10</button>↵
203.             <span class="container-button"></span>↵
204.             <button id="btn-add-sub-2" type="button" data-
toggle="button" ↵
205.                 class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-add-sub-toggle">Mixed to 20</button>↵
206.             <span class="container-button"></span>↵
207.         </div>↵
208.     </div>↵
209.     <div class="row">↵
210.         <div class="col d-flex w-100 container-button">↵
211.             <span class="container-button"></span>↵
212.             <button id="btn-add-sub-3" type="button" data-
toggle="button" ↵
213.                 class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-add-sub-toggle">Mixed to 50</button>↵
214.             <span class="container-button"></span>↵
215.             <button id="btn-add-sub-4" type="button" data-
toggle="button" ↵
216.                 class="btn btn-xl w-100 btn-info btn-text btn-
xl-focus-none btn-add-sub-toggle">Mixed to 100</button>↵
217.             <span class="container-button"></span>↵
218.         </div>↵
219.     </div>↵
```

```

label="Information Section">
  <div class="row">
    <div class="col-md-2"></div>
    <div class="col-md-8">
      <div class="container-button-group d-flex w-100">
        <button type="button" data-toggle="collapse" data-
target="#information" aria-expanded="false" aria-controls="information"
class="btn btn-xl w-100 btn-info btn-text">How To Play</button>
      </div>
    </div>
  </div>
  <!-- Collapsing Information -->
  <div class="row collapse" id="information">
    <div class="col-md-2"></div>
    <div class="col-md-8">
      <!-- Information Text -->
      <div class="container-text-information">
        <p class="text-information">
          Balloon Pop Maths is a fun and engaging interactive
game designed to help reinforce maths skills,
          and to encourage independent learning. Select game
mode (multiply, divide, add or subtract),
          hit play and pop some balloons!
          Number of questions and difficulty level may be
selected in the game options.
          Specific groups of questions may also be selected to
assist with targeted learning. Please feel free to
          <a href="#modal-contact" data-toggle="modal" data-
target="#modal-contact"><strong>contact</strong></a>
          me with suggestions on how I can improve Ballon Pop
Maths, or if you need a developer to make your ideas reality!

```



```

276.      <!-- Game Canvas, 2 panels - stacked on medium and small devices -
      ->
277.      <div class="row game-section-balloons p-0 m-0">
278.          <div class="col-lg-6 p-0 m-0">
279.              <div class="row canvas-balloon p-0 m-0">
280.                  <div class="col d-flex justify-content-center p-0 m-
0">
281.                      <canvas id="canvas-balloon-left-1"></canvas>
282.                      <div id="balloon-answer-text-left-1"
class="balloon-answer-text balloon-answer-text-top">8</div>
283.                      </div>
284.                      <div class="col d-flex justify-content-center p-0 m-
0">
285.                          <canvas id="canvas-balloon-left-2"></canvas>
286.                          <div id="balloon-answer-text-left-2"
class="balloon-answer-text balloon-answer-text-bottom">10</div>
287.                          </div>
288.                      </div>
289.                      <div class="row canvas-balloon p-0 m-0">
290.                          <div class="col d-flex justify-content-center p-0 m-
0">
291.                              <canvas id="canvas-balloon-left-3"></canvas>
292.                              <div id="balloon-answer-text-left-3"
class="balloon-answer-text balloon-answer-text-top">12</div>
293.                              </div>
294.                          </div>
295.                      </div>
296.                      <div class="col-lg-6 p-0 m-0">
297.                          <div class="row canvas-balloon p-0 m-0">
298.                              <div class="col d-flex justify-content-center p-0 m-
0">
299.                                  <canvas id="canvas-balloon-right-1"></canvas>
300.                                  <div id="balloon-answer-text-right-1"
class="balloon-answer-text balloon-answer-text-top">18</div>
301.                                  </div>
302.                                  <div class="col d-flex justify-content-center p-0 m-
0">
303.                                      <canvas id="canvas-balloon-right-2"></canvas>
304.                                      <div id="balloon-answer-text-right-2"
class="balloon-answer-text balloon-answer-text-bottom">18</div>
305.                                      </div>
306.                                  </div>
307.                                  <div class="row canvas-balloon p-0 m-0">
308.                                      <div class="col d-flex justify-content-center p-0 m-
0">
309.                                          <canvas id="canvas-balloon-right-3"></canvas>
310.                                          <div id="balloon-answer-text-right-3"
class="balloon-answer-text balloon-answer-text-top">18</div>
311.                                          </div>
312.                                      </div>
313.                                  </div>
314.                      </div>
315.      <!-- Game Controls - 3 columns, stacked on small and medium
devices -->
316.      <div class="row game-section-controls p-0 m-0">
317.          <div class="col-lg-4">
318.              <div class="row">
319.                  <div id="audio-controls" class="col-2">
320.                      <i id="mute" class="fas fa-volume-up"></i>
321.                  </div>
322.                  <div id="health" class="col-8">
323.                      <i id="heart1" class="fas fa-heart"></i>
324.                      <i id="heart2" class="fas fa-heart"></i>
325.                      <i id="heart3" class="fas fa-heart"></i>
326.                      <i id="heart4" class="fas fa-heart"></i>
327.                      <i id="heart5" class="fas fa-heart"></i>
328.                  </div>
329.                  <div class="col-2"></div>
330.              </div>
331.          </div>

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332.         <div class="col-lg-4">↵
333.             <div id="question">10 x 10</div>↵
334.         </div>↵
335.         <div class="col-lg-4">↵
336.             </div>↵
337.         </div>↵
338.     </div>↵
339. </section>↵
340. <!-- Feedback modal -->↵
341. <div id="modal-feedback" class="modal" tabindex="-1" role="dialog">↵
342.     <div class="modal-dialog modal-dialog-centered" role="document">↵
343.         <div class="modal-content">↵
344.             <div class="modal-header">↵
345.                 <h2 id="modal-feedback-heading-text" class="modal-
346. title">Modal Title</h2>↵
347.                 <button type="button" class="close" data-dismiss="modal"
348. aria-label="Close">↵
349.                     <span aria-hidden="true">&times;</span>↵
350.                 </button>↵
351.             </div>↵
352.             <div class="modal-body">↵
353.                 <p id="modal-feedback-body-text">Modal content.</p>↵
354.             </div>↵
355.         </div>↵
356.     </div>↵
357. <!-- Contact modal -->↵
358. <div id="modal-contact" class="modal" tabindex="-1" role="dialog">↵
359.     <div class="modal-dialog modal-dialog-centered" role="document">↵
360.         <div class="modal-content">↵
361.             <div class="modal-header">↵
362.                 <h2 id="modal-contact-heading-text" class="modal-
363. title">Contact Developer</h2>↵
364.                 <button type="button" class="close" data-dismiss="modal"
365. aria-label="Close">↵
366.                     <span aria-hidden="true">&times;</span>↵
367.                 </button>↵
368.             </div>↵
369.             <div class="modal-body">↵
370.                 <!-- sendMail javascript function run on submit -->↵
371.                 <form id="contact" onsubmit="return sendMail(this);">↵
372.                     <p>Please feel free to contact me with suggestions on
373. how I can improve Balloon Pop Maths, or if you need a developer to make your
374. ideas reality! </p>↵
375.                     <div class="form-group">↵
376.                         <input type="text" class="form-control" id="name"
377. name="name" placeholder="Enter name" aria-label="Enter name" required>↵
378.                     </div>↵
379.                     <div class="form-group">↵
380.                         <input type="email" class="form-control"
381. id="email" name="email" placeholder="Enter email" aria-label="Enter email"
382. required>↵
383.                     </div>↵
384.                     <div class="form-group">↵
385.                         <textarea class="form-control" id="message"
386. name="message" placeholder="Enter message" aria-label="Enter message"
387. maxLength="6000" rows="7" required></textarea>↵
388.                     </div>↵
389.                     <div id="form-buttons" class="text-right">↵
390.                         <button type="button" class="btn btn-lg btn-
391. secondary" data-dismiss="modal">Close</button>↵
392.                         <button type="submit" id="form-submit" class="btn
393. btn-lg btn-primary">Submit</button>↵
394.                     </div>↵
395.                 </form>↵
396.             </div>↵
397.         </div>↵
398.     </div>↵
399. </div>↵
400. <!-- Footer -->↵

```



```
389.     <footer class="container-sm">↵
390.         <div class="container-footer">↵
391.             <a href="#modal-contact" data-toggle="modal" data-target="#modal-
contact">Contact Developer</a>↵
392.             <a href="https://github.com/richardhenyash" aria-label="Link to
developer GitHub page" rel="noreferrer noopener" target="_blank"><i class="fab
fa-github-square fa-lg"></i></a>↵
393.         </div>↵
394.     </footer>↵
395.     <!-- JavaScript links -->↵
396.     <script src="https://code.jquery.com/jquery-3.2.1.js" integrity="sha256-
DZAnKJ/6XZ9si04Hgrsxu/8s717jcIzLy3oi35EouyE=" crossorigin="anonymous">
</script>↵
397.     <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEwdlvI9I0Yy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous"></script>↵
398.     <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
integrity="sha384-
wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1liqfktj0Uod8GCExl30g8ifwB6"
crossorigin="anonymous"></script>↵
399.     <script src="assets/js/initialisation.js"></script>↵
400.     <script src="assets/js/audio.js"></script>↵
401.     <script src="assets/js/animation.js"></script>↵
402.     <script src="assets/js/display.js"></script>↵
403.     <script src="assets/js/game-logic.js"></script>↵
404.     <script src="assets/js/mail.js"></script>↵
405.     <script src="assets/js/math.js"></script>↵
406.     <script src="assets/js/events.js"></script>↵
407. </body>↵
408. </html>
```

Used the HTML parser.

Total execution time 82 milliseconds.

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