

# Maths Game

## Numbers in a Row

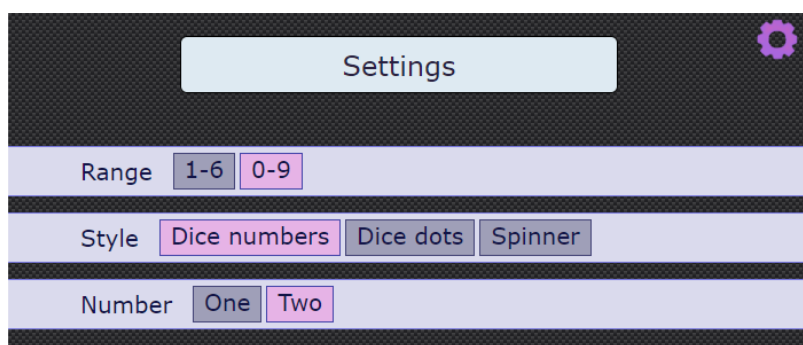
A game for two players

### You will need:

- A game board
- Two pens or pencils in different colours
- Two 0 – 9 dice (or a 0 – 9 spinner)

*If you don't have dice, you can use the website <https://nrich.maths.org/6717>*

*Use the cog setting in the top right hand corner to change the range to 0-9 and the number of dice to two.*



### Instructions

Player 1 rolls both dice.

They arrange the dice to make a two-digit number and read it out, for example, these two dice could make 78 or 87.)



They write that number on the grid if there is a space where it goes in their colour pen or pencil

If that number is already there, they miss their go.

The winner is the person who completes a **row** of numbers.

### Information for Parents/Carers

This game supports children to develop their knowledge and understanding of place value. They need to make a choice about which digit will represent the tens and which number the ones, or the tenths and hundredths etc. They also need to watch what their opponent is doing to ensure that they are not near to creating a full row of numbers.

As a guide to the numbers to work with for your child:

**Reception:** Gameboard 1 and the 1 to 20 number cards shuffled and placed face down on the table. Each player chooses a card on their turn and then after their turn, puts the card back face down and mixes them up.

# Maths Game

**Years One and Two:** Gameboard 2 with two digit numbers

**Year Three:** Gameboard 3 (0 – 10) with the two numbers generated making ones and tenths. For example, a 4 and a 6 could create 4.6 or 6.4

**Year Four:** Gameboard 4 (0.01 – 1) with the two numbers generated making the last two digits of the number. For example, a 4 and a 6 could create 0.46 or 0.64

**Years Five and Six:** Gameboard 5 (0.001 – 0.1) with the two numbers generated making the last two digits of the number. For example, a 4 and a 6 could create 0.046 or 0.064

# Maths Game

## Game Board 1

<b>1</b>		<b>3</b>	
<b>5</b>	<b>6</b>		
		<b>11</b>	<b>12</b>
<b>13</b>			<b>16</b>
	<b>18</b>		<b>20</b>

## Number Cards

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>

# Maths Game

## Game Board 2

<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
	<b>11</b>	<b>12</b>		<b>14</b>		<b>16</b>	<b>17</b>		<b>19</b>
<b>20</b>			<b>23</b>		<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	
<b>30</b>			<b>33</b>	<b>34</b>	<b>35</b>			<b>38</b>	<b>39</b>
	<b>41</b>	<b>42</b>		<b>44</b>		<b>46</b>	<b>47</b>		<b>49</b>
<b>50</b>	<b>51</b>		<b>53</b>		<b>55</b>	<b>56</b>		<b>58</b>	
<b>60</b>		<b>62</b>	<b>63</b>		<b>65</b>		<b>67</b>		<b>69</b>
<b>70</b>	<b>71</b>		<b>73</b>		<b>75</b>	<b>76</b>			<b>79</b>
<b>80</b>		<b>82</b>		<b>84</b>		<b>86</b>	<b>87</b>	<b>88</b>	
	<b>91</b>	<b>92</b>		<b>94</b>		<b>96</b>	<b>97</b>		<b>99</b>

# Maths Game

## Game Board 3

<b>0.1</b>		<b>0.3</b>		<b>0.5</b>		<b>0.7</b>		<b>0.9</b>	<b>1.0</b>
<b>1.1</b>	<b>1.2</b>		<b>1.4</b>	<b>1.5</b>	<b>1.6</b>			<b>1.9</b>	
<b>2.1</b>		<b>2.3</b>			<b>2.6</b>	<b>2.7</b>	<b>2.8</b>		<b>3.0</b>
	<b>3.2</b>	<b>3.3</b>	<b>3.4</b>			<b>3.7</b>		<b>3.9</b>	<b>4.0</b>
<b>4.1</b>		<b>4.3</b>			<b>4.6</b>		<b>4.8</b>	<b>4.9</b>	<b>5.0</b>
<b>5.1</b>		<b>5.3</b>	<b>5.4</b>		<b>5.6</b>		<b>5.8</b>	<b>5.9</b>	
<b>6.1</b>		<b>6.3</b>		<b>6.5</b>		<b>6.7</b>		<b>6.9</b>	<b>7.0</b>
	<b>7.2</b>		<b>7.4</b>	<b>7.5</b>	<b>7.6</b>	<b>7.7</b>	<b>7.8</b>		
<b>8.1</b>	<b>8.2</b>		<b>8.4</b>		<b>8.6</b>			<b>8.9</b>	<b>9.0</b>
<b>9.1</b>			<b>9.4</b>	<b>9.5</b>		<b>9.7</b>		<b>9.9</b>	<b>10</b>

# Maths Game

## Game Board 4

<b>0.01</b>		<b>0.03</b>		<b>0.05</b>	<b>0.06</b>		<b>0.08</b>		<b>0.10</b>
<b>0.11</b>	<b>0.12</b>		<b>0.14</b>	<b>0.15</b>		<b>0.17</b>		<b>0.19</b>	
	<b>0.22</b>	<b>0.23</b>		<b>0.25</b>	<b>0.26</b>		<b>0.28</b>		<b>0.30</b>
<b>0.31</b>			<b>0.34</b>		<b>0.36</b>	<b>0.37</b>		<b>0.39</b>	<b>0.40</b>
<b>0.41</b>		<b>0.43</b>	<b>0.44</b>		<b>0.46</b>		<b>0.48</b>	<b>0.49</b>	
<b>0.51</b>	<b>0.52</b>	<b>0.53</b>		<b>0.55</b>		<b>0.57</b>		<b>0.59</b>	
		<b>0.63</b>			<b>0.66</b>	<b>0.67</b>	<b>0.68</b>	<b>0.69</b>	<b>0.70</b>
<b>0.71</b>			<b>0.74</b>	<b>0.75</b>	<b>0.76</b>		<b>0.78</b>		<b>0.80</b>
	<b>0.82</b>	<b>0.83</b>		<b>0.85</b>			<b>0.88</b>	<b>0.89</b>	<b>0.90</b>
<b>0.91</b>	<b>0.92</b>		<b>0.94</b>	<b>0.95</b>			<b>0.98</b>		<b>1.00</b>

# Maths Game

## Game Board 5

<b>0.001</b>	<b>0.002</b>		<b>0.004</b>			<b>0.007</b>		<b>0.009</b>	<b>0.010</b>
	<b>0.012</b>		<b>0.014</b>	<b>0.015</b>		<b>0.017</b>	<b>0.018</b>		<b>0.020</b>
<b>0.021</b>		<b>0.023</b>			<b>0.026</b>	<b>0.027</b>		<b>0.029</b>	<b>0.030</b>
	<b>0.032</b>		<b>0.034</b>		<b>0.036</b>	<b>0.037</b>		<b>0.039</b>	<b>0.040</b>
<b>0.041</b>		<b>0.043</b>		<b>0.045</b>		<b>0.047</b>	<b>0.048</b>	<b>0.049</b>	
<b>0.051</b>		<b>0.053</b>		<b>0.055</b>		<b>0.057</b>		<b>0.059</b>	<b>0.060</b>
<b>0.061</b>	<b>0.062</b>	<b>0.063</b>	<b>0.064</b>		<b>0.066</b>		<b>0.068</b>		
	<b>0.072</b>		<b>0.074</b>	<b>0.075</b>	<b>0.076</b>		<b>0.078</b>		<b>0.080</b>
<b>0.081</b>	<b>0.082</b>			<b>0.085</b>		<b>0.087</b>		<b>0.089</b>	<b>0.090</b>
		<b>0.093</b>	<b>0.094</b>		<b>0.096</b>	<b>0.097</b>	<b>0.098</b>		<b>0.100</b>