Olympic Games Math Brain Teasers

7 Olympic Games Brain Teasers
From Games 4 Learning
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PLEASE READ THIS BEFORE USING

2 Different Formats

These 7 Olympic Rings Brain Teasers are provided in 2 different formats for your convenience.
- Card Size for printing Brain Teaser Cards
- Mini Size with all 7 on a Worksheet

On the following pages you will find 7 Olympic Rings Math Brain Teasers Cards.

Olympic Rings Total to 11, 13, 14

These 3 Olympic Rings Total to 11, 13 and 14 puzzles are provided in a basic version – with some numbers placed to assist the students and also in a Super Challenge variety which is suggested for advanced students.

Worksheets

After the cards, the Brain Teasers are provided in a worksheet format. There are 2 worksheets which both contain the same 4 Brain Teasers on both. The first worksheet also contains the Olympic Rings Total to 11, 13, 14 in the Super Challenge versions.

The second worksheet contains the Olympic Rings Total to 11, 13, 14 in the Basic versions.

answer Key

An answer key is provide after the Worksheets.
These math puzzles are all brain teasers that are based around the Olympic Rings. They are provided in 2 formats for your convenience. They can be printed in the card size or with all brain teasers on one page for use as a worksheet. They can also be projected onto a Smartboard for viewing by a whole class or small group.

Ideas for Using the Brain Teasers

**Daily Challenge**
Introduce one Brain Teaser a day and call it the Olympic Challenge!

**Math Centers**
These cards are ideal for a math center activity using the card format or the worksheet.

**Display on SmartBoard**
The cards can be projected onto your SmartBoard for your whole class to read.

**Charts**
Print the large sized Brain Teasers and then enlarge on a photocopier.

**Olympic Homework**
Give one Brain Teaser a night to be an Olympic Homework activity.

I would like to wish you and your students, lots of fun and lots of learning whichever way you choose to use the Olympic Brain Teasers!

Teresa
Olympic Rings
No Consecutives 1 – 5

Place the numbers from 1 – 5 on the lines so that no 2 consecutive numbers are in overlapping circles.

Olympic Rings
Total to an Even Number

Place the numbers from 2 – 10 on the lines so that every circle totals to an even number.
Rearrange the numbers in the rings so that the total of the top three rings is the same as the total of the bottom two.

Rearrange the numbers in the rings so that the total of the top three rings is the same as the total of the bottom two.
PLEASE NOTE: The following 3 Brain Teasers are available in 2 different versions.

The first 3 Cards are the Super Challenges variety which is recommended for more advanced students.

The next 3 Cards are the Basic Versions of the same challenge where 3 numbers have already been given in the solution to assist students with the puzzle.

Please select the version that best meets the needs of your students.
**Olympic Rings Total to 11**

Super Challenge

Place the numbers from 1 – 9 on the lines so that the total of each circle is 11.

**Olympic Rings Total to 13**

Super Challenge

Place the numbers from 1 – 9 on the lines so that the total of each circle is 13.
Olympic Rings Total to 14
Super Challenge

Place the numbers from 1 – 9 on the lines so that the total of each circle is 14.

The following 3 Puzzles are the easier versions of the 3 previous ones.
Olympic Rings Total to 11

Place the numbers from 1 – 9 on the lines so that the total of each circle is 11. Three numbers have already been added to help you.

Olympic Rings Total to 13

Place the numbers from 1 – 9 on the lines so that the total of each circle is 13. Three numbers have already been added to help you.
Olympic Rings Total to 14

Place the numbers from 1 – 9 on the lines so that the total of each circle is 14. Three numbers have already been added to help you.
PLEASE NOTE: The following 2 sheets contain the same puzzles as on the previous cards. They are provided in these worksheet formats for you convenience.

The first sheet contains the 3 Super Challenge Olympic Rings Totals Puzzles with the other 4 Puzzles. USE THIS SHEET FOR ADVANCED STUDENTS.

The second sheet contains the simpler version of the Olympic Rings Totals Puzzles and the other 4 Puzzles. USE THIS SHEET FOR LESS ADVANCED STUDENTS.
| Name ________________ | 1. **Olympic Rings**
| | **No Consecutives 1 – 5** |
| | Place the numbers from 1 – 5 on the lines so that no 2 consecutive numbers are in overlapping circles. |

2. **Olympic Rings**

| Total to an Even Number |
| Place the numbers from 2 – 10 on the lines so that every circle totals to an even number. |

3. **Olympic Rings**

| Top and Bottom 1 |
| Rearrange the numbers in the rings so that the total of the top three rings is the same as the total of the bottom two. |

4. **Olympic Rings**

| Top and Bottom 2 |
| Rearrange the numbers in the rings so that the total of the top three rings is the same as the total of the bottom two. |

5. **Olympic Rings**

| Total to 11 |
| Place the numbers from 1 – 9 on the lines so that the total of each circle is 11. |

6. **Olympic Rings**

| Total to 12 |
| Place the numbers from 1 – 9 on the lines so that the total of each circle is 12. |

7. **Olympic Rings**

| Total to 14 |
| Place the numbers from 1 – 9 on the lines so that the total of each circle is 14. |
## Olympic Rings Math Puzzles

### Name ______________

**Can you solve the Olympic Rings Puzzles?**

<table>
<thead>
<tr>
<th><strong>1. Olympic Rings</strong></th>
<th><strong>2. Olympic Rings</strong></th>
<th><strong>3. Olympic Rings</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>No Consecutives 1 – 5</td>
<td>Total to an Even Number</td>
<td>Top and Bottom 1</td>
</tr>
<tr>
<td>Place the numbers from 1 – 5 on the lines so that no 2 consecutive numbers are in overlapping circles.</td>
<td>Place the numbers from 2 – 10 on the lines so that every circle totals to an even number.</td>
<td>Rearrange the numbers in the rings so that the total of the top three rings is the same as the total of the bottom two.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>4. Olympic Rings</strong></th>
<th><strong>5. Olympic Rings</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Top and Bottom 2</td>
<td>Total to 11</td>
</tr>
<tr>
<td>Rearrange the numbers in the rings so that the total of the top three rings is the same as the total of the bottom two.</td>
<td>Place the numbers from 1 – 9 on the lines so that the total of each circle is 11. Three numbers have already been added.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>6. Olympic Rings</strong></th>
<th><strong>7. Olympic Rings</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total to 13</td>
<td>Total to 14</td>
</tr>
<tr>
<td>Super Challenge</td>
<td>Super Challenge</td>
</tr>
<tr>
<td>Place the numbers from 1 – 9 on the lines so that the total of each circle is 13. Three numbers have already been added.</td>
<td>Place the numbers from 1 – 9 on the lines so that the total of each circle is 14. Three numbers have already been added.</td>
</tr>
</tbody>
</table>

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**Answer Key**

**Olympic Rings No Consecutives 1–5**
One possible solution is shown

```
  4
 1 3
  2
```

**Olympic Rings Total to an Even Number**
One possible solution is shown

```
  10
  4 
  9
  2
  5 
  6
```

**Olympic Rings Top and Bottom 1**
One possible solution is shown

```
 3
 8
 7 
  9
```

**Olympic Rings Top and Bottom 2**
One possible solution is shown

```
 7 
 13
 14
 15
```

**Olympic Rings Total to 11 and Olympic Rings Total to 11 Super Challenge**
One possible solution is shown

```
 9
 2
 5
 4
 1
  3
  8
```
Olympic Rings Total to 13 and
Olympic Rings Total to 13 Super Challenge
One possible solution is shown

Olympic Rings Total to 14 and
Olympic Rings Total to 14 Super Challenge
One possible solution is shown

If you have enjoyed using these Olympic Rings Math Puzzles, you might also like

Math Problems and Math Brain Teasers Cards

Printable Brain Teasers provided in 2 different formats.

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