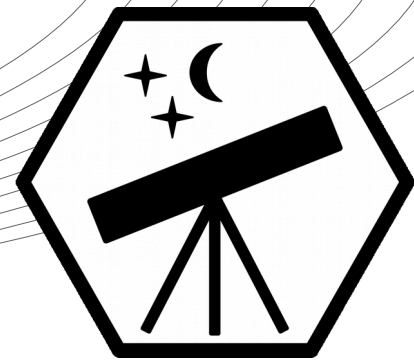


# International Astronomy and Astrophysics Competition

## Final Round 2019



**Important: Read all the information on this page carefully!**

- Please read all questions carefully!
- This exam consists of 40 multiple-choice questions.
- To every question, there are four possible answers: A, B, C and D.
- Only one of the four answers is correct!
- Every correct answer gives you one point.
- There are no negative points for wrong answers.
- You have strictly 60 minutes to solve as many problems as possible.
- Write your answers on the *Your-Answers-page* only (see next page)!
- After the 60 minutes, return the exam (including all question pages) back to your teacher.
- **You are allowed to...**
  - use a pencil/pen for writing.
  - use extra blank papers for personal notes.
- **You are not allowed to...**
  - work more than 60 minutes on this exam.
  - use electronic devices (e.g. internet, calculators).
  - use any source of information (e.g. notes, books).
  - receive help from your supervisor or other students.
  - take this exam, your answers, or the questions with you (after the exam).
- **Cheating Policy:** In addition to the presence and supervision of your teacher during the examination we have various additional methods to detect cheating: This includes methods to detect time violations as well as to detect the usage of tools (e.g. internet, textbooks) for cheating.  
Cheating will result in immediate disqualification!

**Good luck!**

# Your Answers

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**Name:** Solution

**Please write your answers on this page!**

<b>No. 1</b>	<b>No. 2</b>	<b>No. 3</b>	<b>No. 4</b>	<b>No. 5</b>	<b>No. 6</b>	<b>No. 7</b>	<b>No. 8</b>	<b>No. 9</b>	<b>No. 10</b>
C	D	D	C	D	B	D	C	C	D
<b>No. 11</b>	<b>No. 12</b>	<b>No. 13</b>	<b>No. 14</b>	<b>No. 15</b>	<b>No. 16</b>	<b>No. 17</b>	<b>No. 18</b>	<b>No. 19</b>	<b>No. 20</b>
C	C	A	D	D	C	C	A	A	D
<b>No. 21</b>	<b>No. 22</b>	<b>No. 23</b>	<b>No. 24</b>	<b>No. 25</b>	<b>No. 26</b>	<b>No. 27</b>	<b>No. 28</b>	<b>No. 29</b>	<b>No. 30</b>
A	C	B	A	B	B	D	B	B	B
<b>No. 31</b>	<b>No. 32</b>	<b>No. 33</b>	<b>No. 34</b>	<b>No. 35</b>	<b>No. 36</b>	<b>No. 37</b>	<b>No. 38</b>	<b>No. 39</b>	<b>No. 40</b>
D	A	B	C	B	C	C	C	A	D

Please write A, B, C or D into the boxes to give your answers.