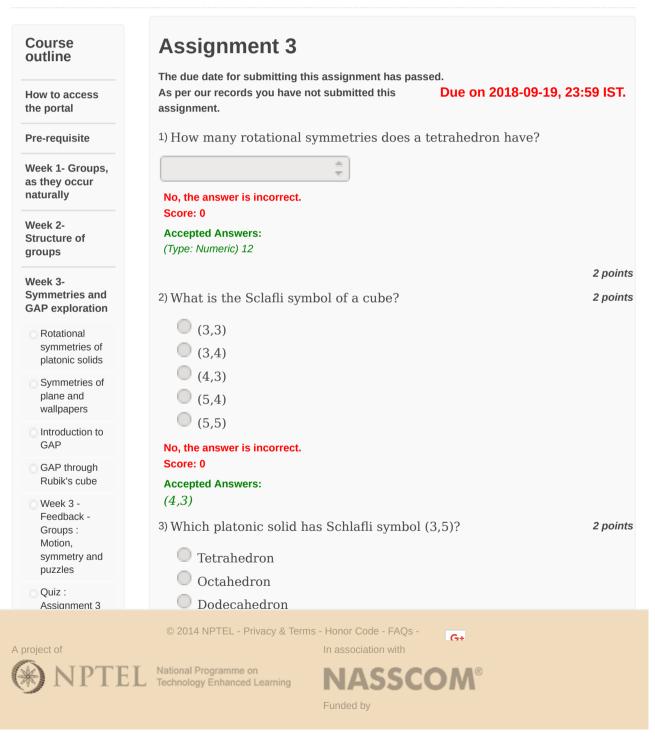


Unit 5 - Week 3- Symmetries and GAP exploration



| ministry of number resource De | 4) Which of the following is/are not possibile values for a Schlafli symbol? | 2 points |
|--------------------------------|--|----------|
| | (3,3) | |
| | | |
| | | |
| | (3,4) | |
| | (5,3) | |
| | No, the answer is incorrect. Score: 0 | |
| | Accepted Answers: | |
| | (4,4) | |
| | (5,5) | 2 |
| | 5) Number of Platonic solids is | 2 points |
| | © 3 | |
| | O 5 | |
| | O 7 | |
| | 0 11 | |
| | 13 | |
| | No, the answer is incorrect. Score: 0 | |
| | Accepted Answers: | |
| | 5 | |
| | 6) In the Euler's formula $v - e + f = n$, the value of n is | 2 points |
| | O 1 | |
| | O 2 | |
| | 3 | |
| | Q 4 | |
| | U 5 | |
| | No, the answer is incorrect. Score: 0 | |
| | Accepted Answers: | |
| | 7) Which is/are true about Schlafli symbol (n,m)? | 2 points |
| | | |
| | \square $nm > 10$ | |
| | 1/n + 1/m > 0.5 | |
| | n-m < 3 | |
| | No, the answer is incorrect. Score: 0 | |
| | Accepted Answers: | |
| | n + m < 10 1/n + 1/m > 0.5 | |
| | 2, | |

| n-m < 3 | |
|--|----------------------|
| 8) If you are walking on a muddy road then which of the follow best describes the symmetry of your footprints? | ving 2 points |
| Reflection | |
| Rotation | |
| Translation | |
| Glide reflection | |
| No, the answer is incorrect. Score: 0 | |
| Accepted Answers: Glide reflection | |
| 9) How many types of wallpapers are possible, based on the sy considerations? | mmetry |
| <u>∞</u> | |
| No, the answer is incorrect. Score: 0 | |
| Accepted Answers: | |
| (Type: Numeric) 17 | |
| | 2 points |
| 10In context of computer algebra system, GAP is an acronym f | for 2 points |
| Groups And Parity | |
| Groups, Algorithms and Permutations | |
| Groups, Abelianization and Permutations | |
| Groups, Algorithms and Programming | |
| No, the answer is incorrect. Score: 0 | |
| Accepted Answers: | |
| Groups, Algorithms and Programming | |
| | |
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