## Polyhedron Pattern Search

Challenge! How can the number of faces and vertices help determine the number of edges? Can you come up with a formula to describe the pattern?

| Polyhedron | Number of <br> faces | Number of <br> vertices | Number of <br> edges |
| :--- | :---: | :---: | :---: |
| Tetrahedron |  |  |  |
| Square pyramid |  |  |  |
| Cube |  |  |  |
| Triangular prism |  |  |  |
| Pattern/formula: |  |  |  |

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Advanced
Structures Station

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