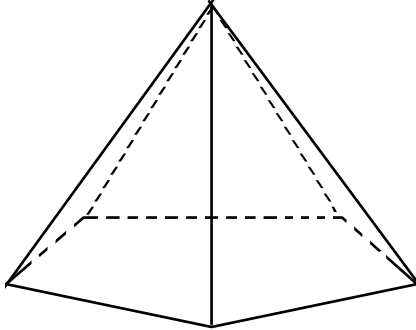
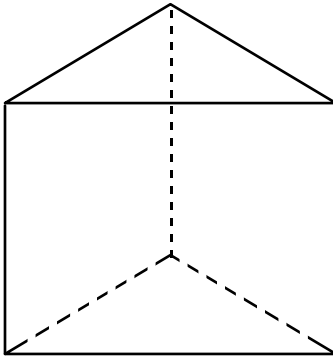


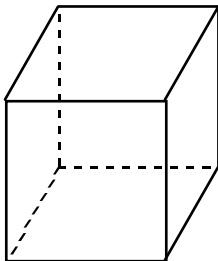
1. Find the number of vertices, faces, and edges for the figure.



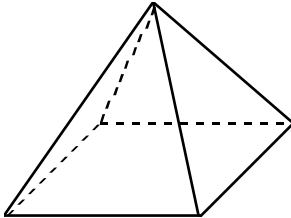
2. Find the number of vertices, faces, and edges for the figure.



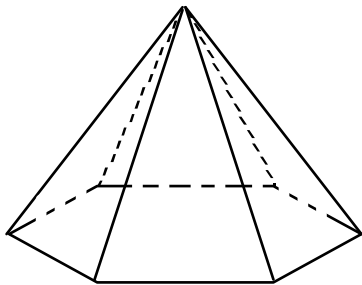
3. Find the number of vertices, faces, and edges for the figure.



4. Find the number of vertices, faces, and edges for the figure.



5. Find the number of vertices, faces, and edges for the figure.



6. A polyhedron has 6 faces and 7 vertices. How many edges does it have? Explain your answer.
7. A polyhedron has 9 faces and 21 edges. How many vertices does it have? Explain your answer.
8. Use Euler's Theorem to calculate how many vertices a polyhedron has if it has 12 faces and 30 edges.
9. Use Euler's Theorem to calculate how many faces a polyhedron has if it has 6 edges and 4 vertices.
10. Use Euler's Theorem to calculate how many edges a polyhedron has if it has 6 faces and 8 vertices.