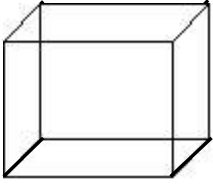
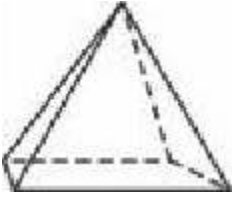
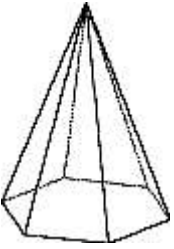
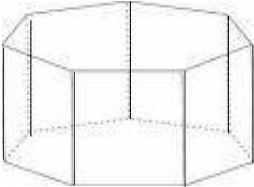
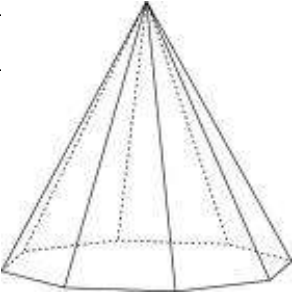
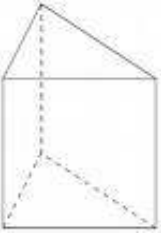


Euler's Theorem

Answer the questions for each shape.

<p>1. Name _____ Prism/pyramid Vertices _____ Edges _____ Faces _____</p> 	<p>2. Name _____ Prism/pyramid Vertices _____ Edges _____ Faces _____</p> 	<p>3. Name _____ Prism/pyramid Vertices _____ Edges _____ Faces _____</p> 
<p>4. Name _____ Prism/pyramid Vertices _____ Edges _____ Faces _____</p> 	<p>5. Name _____ Prism/pyramid Vertices _____ Edges _____ Faces _____</p> 	<p>6. Name _____ Prism/pyramid Vertices _____ Edges _____ Faces _____</p> 

Use Euler's Formula to find the missing values

<p>7. Vertices: 4 Edges: 6 Faces: __</p>	<p>8. Vertices: 26 Edges: ____ Faces: 14</p>	<p>9. Vertices: _ Edges: 12 Faces: 6</p>	<p>10. Vertices: 18 Edges: 27 Faces: ____</p>	<p>11. Vertices: 12 Edges: ____ Faces: 8</p>
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Answer each question.

12. How do you identify that a shape is a prism?

13. How do you identify that a shape is a pyramid?

14. How do you know what type of prism or pyramid it is?