

Create various three-dimensional figures by moving (aligning) (a) line segment(s)

First Grade	Class No.	Name:
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Observe figures using a computer, and think about them while drawing their sketches.

(1) A three-dimensional figure that can be created by vertically moving line segments of the same length around the circumference.	(2) A three-dimensional figure that can be created by fixing the end of line segments in place of the same length while moving the other ends around the circumference.	(3) A three-dimensional figure that can be created by moving line segments of the same length around the perimeter of a square.
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(4) A three-dimensional figure that can be created by fixing the end of a line segment in place while sliding the other end around the perimeter of a square.	<table border="1"> <tr> <td>What are the common points of the three-dimensional figures (1) to (4)?</td> </tr> </table>	What are the common points of the three-dimensional figures (1) to (4)?
What are the common points of the three-dimensional figures (1) to (4)?		

<table border="1"> <tr> <td>What are the different points between the three-dimensional figure (4) and the other three-dimensional figures (1) to (3)?</td> </tr> </table>	What are the different points between the three-dimensional figure (4) and the other three-dimensional figures (1) to (3)?
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<p>What would you like to do with Cabri 3D in the future?</p>
