

**3rd Mathematics Achievement Test
Geometry and Spatial Sense Standard**

Benchmark A




Question 24	March 2008	B
Question 37	March 2008	C
Question 9	March 2005	A
Question 43	March 2006	A
Question 9	Spring 2007	A

Benchmark D

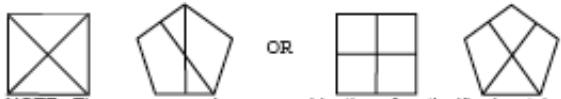
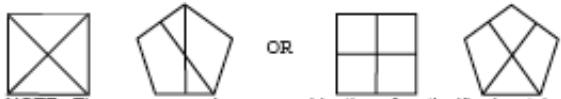
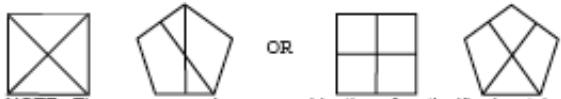
Question 7	Spring 2010	D
Question 13	March 2005	C
Question 6	Fall 2005	C
Question 6	Spring 2007	B
Question 14	Spring 2007	A

Benchmark E

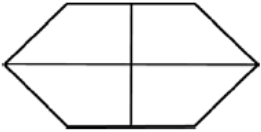
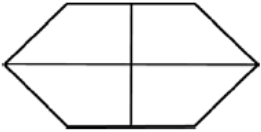
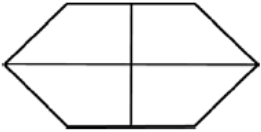
Question 19	Spring 2010	B
Question 2	May 2009	C
Question 9	May 2009	B
Question 27	March 2008	A
Question 19	March 2005	C
Question 24	March 2005	A
Question 28	March 2005	C
Question 43	March 2005	B

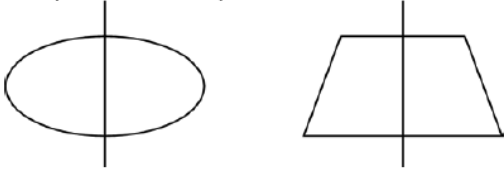
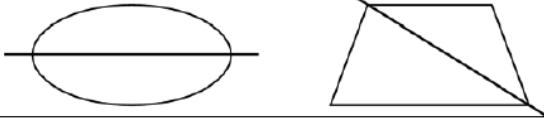
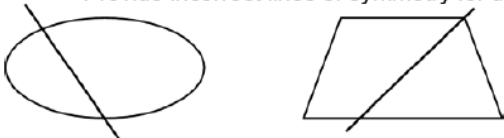
Question 9	Fall 2005	<input checked="" type="checkbox"/> Scoring Guidelines <table border="1"> <thead> <tr> <th>Points</th> <th colspan="2">Student Response</th> </tr> </thead> <tbody> <tr> <td>2</td> <td colspan="2">The response includes the correct numbers of sides and angles for the square and hexagon. For example:</td> </tr> <tr> <td></td> <td style="text-align: center;">Figure</td> <td style="text-align: center;"></td> </tr> <tr> <td></td> <td>Number of Sides</td> <td style="text-align: center;">4 6</td> </tr> <tr> <td></td> <td>Number of Angles</td> <td style="text-align: center;">4 6</td> </tr> </tbody> </table>	Points	Student Response		2	The response includes the correct numbers of sides and angles for the square and hexagon. For example:			Figure			Number of Sides	4 6		Number of Angles	4 6
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	Number of Sides	4 6															
	Number of Angles	4 6															
		<p>1 The response includes at least one, but less than four, correct numbers for the sides and/or angles of the square and/or hexagon.</p> <p>0 The response indicates inadequate skill in identifying the number of sides and/or angles in a simple geometric figure. For example, identifies incorrect numbers of sides and angles for both figures.</p>															
Question 45	Spring 2007	C															

Benchmark G

Question 4	Spring 2010	B										
Question 13	May 2009	A										
Question 40	March 2005	B										
Question 16	Fall 2005	B										
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Benchmark H

<p>Question 15</p>	<p>Spring 2010</p>	<table border="1"> <thead> <tr> <th data-bbox="526 275 646 302">Points</th> <th data-bbox="646 275 1417 302">Student Response</th> </tr> </thead> <tbody> <tr> <td data-bbox="526 302 646 583">2 point</td> <td data-bbox="646 302 1417 583"> <p>The response shows two correct lines of symmetry; one is horizontal and the other is vertical (no incorrect lines are drawn).</p>  </td> </tr> <tr> <td data-bbox="526 583 646 758">1 point</td> <td data-bbox="646 583 1417 758"> <p>The response shows only one correct line of symmetry, either horizontal or vertical with or without incorrect lines. OR The response shows two correct lines of symmetry and incorrect line(s).</p> </td> </tr> <tr> <td data-bbox="526 758 646 821"></td> <td data-bbox="646 758 1417 821"> <p>1 point sample answer: NA</p> </td> </tr> <tr> <td data-bbox="526 821 646 884">0 point</td> <td data-bbox="646 821 1417 884"> <p>The response indicates no understanding of the concept or task.</p> </td> </tr> <tr> <td data-bbox="526 884 646 947"></td> <td data-bbox="646 884 1417 947"> <p>0 point sample answer: NA</p> </td> </tr> </tbody> </table>	Points	Student Response	2 point	<p>The response shows two correct lines of symmetry; one is horizontal and the other is vertical (no incorrect lines are drawn).</p> 	1 point	<p>The response shows only one correct line of symmetry, either horizontal or vertical with or without incorrect lines. OR The response shows two correct lines of symmetry and incorrect line(s).</p>		<p>1 point sample answer: NA</p>	0 point	<p>The response indicates no understanding of the concept or task.</p>		<p>0 point sample answer: NA</p>
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Question 5	May 2009	Scoring Guidelines	
		Points	Student Response
		2 point	<p>Sample Correct Response:</p>  <p>The focus of this task is identifying and describing line and rotational symmetry in two-dimensional shapes. The response includes a correct line of symmetry drawn for each figure (a vertical line approximately through the center of the trapezoid; a vertical or horizontal line approximately through the center or the middle of the oval).</p>
		1 point	<p>The response shows a partial understanding of identifying and drawing lines of symmetry in two-dimensional shapes.</p> <p>Example:</p> <ul style="list-style-type: none"> • Include a correct line of symmetry for only one of the shapes • Include an extra line that is not a line of symmetry. 
		0 point	<p>The response shows no or minimal understanding of identifying and drawing lines of symmetry in two-dimensional shapes.</p> <p>Example:</p> <ul style="list-style-type: none"> • Provide no lines of symmetry • Provide incorrect lines of symmetry for the shapes. 

Benchmark H (Continued)

Question 2	March 2008		A
Question 11	Fall 2005		A