

Chapter 8 Grade 6 – Mathematics District Benchmark - Standards Referenced Tool

- Standards Key:**
- 4. I exceed all skills within the standard by demonstrating more complex understanding
 - 3. I demonstrate all skills within the standard
 - 2. I demonstrate some skills within the standard
 - 1. With help, I can demonstrate some skills within the standard
 - 0. Even with help, I cannot demonstrate skills within the standard
- No Score - Not assessed or not yet taught

For traditional grading, each question is worth 4 points, for a total of 60 points earned. Please read answer key for descriptions of how partial credit can be earned.

Standard	Question Number	Score	Overall (Standard) Score
6.RP.3 Use ratio & rate reasoning to solve real-world mathematical problems <i>d. Use ratio reasoning to convert measurement units between given measurement systems (e.g., convert kilometers to miles); manipulate and transform units appropriately when multiplying or dividing quantities.</i>	1		
	2		
6.G.1 Find the area of triangles, quadrilaterals, & polygons <i>Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing or decomposing into other polygons (e.g., rectangles and triangles). Apply these techniques in the context of solving real-world and mathematical problems.</i>	3		
	4		
6.G.2 Apply the standard formulas to find the volumes of prisms <i>Apply the standard formulas to find volumes of prisms. Use the attributes and properties (including shapes of bases) of prisms to identify, compare or describe three-dimensional figures including prisms and cylinders.</i>	5		
6.G.4 Represent & find the surface area of 3D figures <i>Represent three-dimensional figures (e.g., prisms) using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.</i>	6a		
	6b		
	6c		
6.G.5 Identify, compare, or describe, attributes & properties of circles <i>Identify, compare or describe attributes and properties of circles (radius, and diameter). (L).</i>	7		

TRADITIONAL GRADING:

For traditional grading, each answer is worth 1 point. A question may have multiple parts thus, may be worth more than 1 point. Please read answer key for descriptions of how partial credit can be earned.

Chapter 7 total points = **15**