

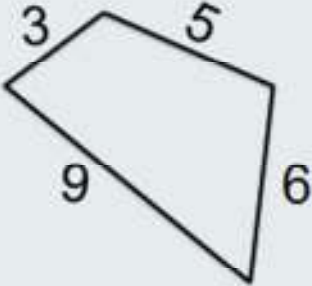
Exploring Perimeter at Grade 3

What's the cognitive level of the standard and the benchmark?



<p>■ Standard 3.3.2 Understand perimeter as a measurable attribute of real-world and mathematical objects. Use various tools to measure distances.</p>	<p>■ Benchmark 3.3.2.2 Find the perimeter of a polygon by adding the lengths of the sides.</p>
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What is the cognitive level of these items?

1. Find the perimeter.



2. Draw a four-sided irregular polygon with a perimeter of 23 units. Show all dimensions.

3rd Grade		
399	 Meets State Standard	Exceeds the Standard Distinguishes between parallel and perpendicular lines in a shape; conceptual understanding of perimeter; determines elapsed time and does not require a graphic.
366		Meets the Standard Identifies parallel and perpendicular lines; calculates perimeter; makes correct change from a dollar; tells time from an analog clock; determines elapsed time within an hour; solves problems involving reading a thermometer and calculating temperature.
350	 Does Not Meet Standard	Partially Meets the Standard Names and describes polygons based on a familiar pictorial orientation by counting number of sides; determines perimeter using additive model.
340		Does Not Meet the Standard Recognizes parallel lines; matches a picture to the name of a familiar polygon (pattern blocks); knows to use a ruler to measure distance; knows the value of coins; reads a thermometer.
301		