

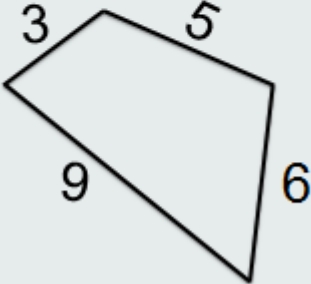
# Exploring Perimeter at Grade 3

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

<p>■ Standard 3.3.2  <b>Understand</b> perimeter as a <b>measurable attribute</b> of real-world and mathematical objects. <b>Use</b> various tools to measure distances.</p>	<p>■ Benchmark 3.3.2.2  <b>Find</b> the perimeter of a polygon <b>by</b> 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.

## 3<sup>rd</sup> Grade Achievement Level Descriptors

Geometry & Measurement	
399	<b>Exceeds the Standard</b> Distinguishes between parallel and perpendicular lines in a shape; <b>conceptual understanding of perimeter</b> ; determines elapsed time and does not require a graphic.
366	<b>Meets the Standard</b> Identifies parallel and perpendicular lines; <b>calculates perimeter</b> ; 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	<b>Partially Meets the Standard</b> Names and describes polygons based on a familiar pictorial orientation by counting number of sides; <b>determines perimeter using additive model</b> .
340	<b>Does Not Meet the Standard</b> 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	