

Name _____

Diagonal Lengths

Measure the length, width, and diagonal of a block, book, and desk. Then, calculate the diagonal lengths by using the Pythagorean Theorem. Now, compare the calculated values to the measured values.

M E A S U R E D

C A L C U L A T E D

<p>B Length _____</p> <p>L Width _____</p> <p>C Diagonal _____</p>	<p>Show all work</p> <p>Answer _____</p>
<p>B Length _____</p> <p>O Width _____</p> <p>K Diagonal _____</p>	<p>Show all work</p> <p>Answer _____</p>
<p>D Length _____</p> <p>E Width _____</p> <p>A Diagonal _____</p>	<p>Show all work</p> <p>Answer _____</p>

Pythagorean Theorem = $(L)^2 + (W)^2 = (D)^2$

