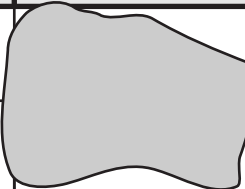


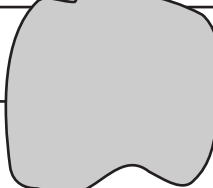


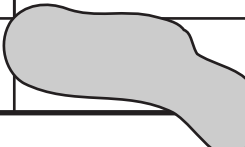



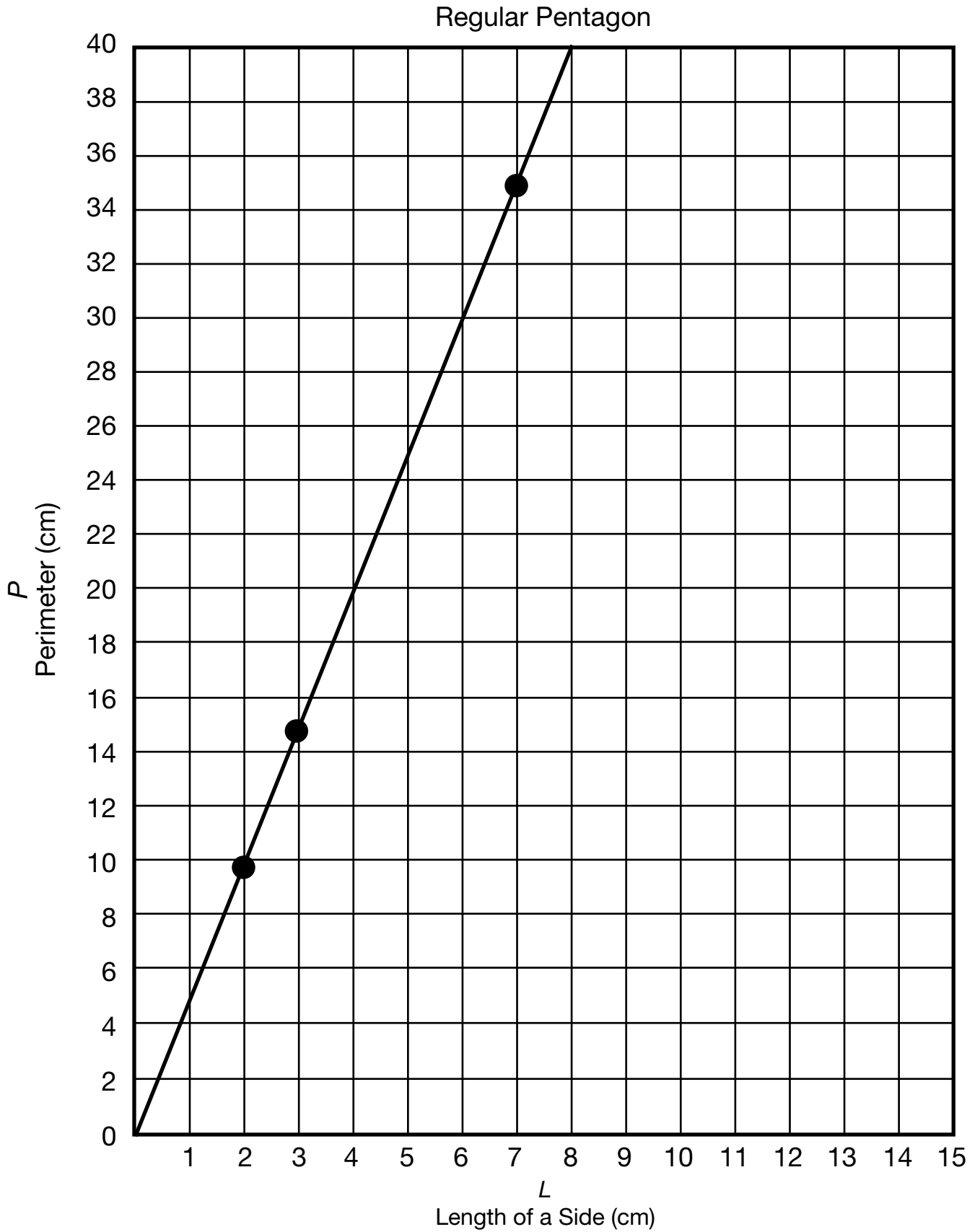
Professor Peabody's Shapes Data

1. Professor Peabody studied the side length and the perimeter of different regular shapes. He spilled ink on one of his data tables but not his graph. Help him fill in the missing data.

Shape: Regular Pentagon 

Regular Pentagon	<i>L</i> Length of a Side (in cm)	<i>P</i> Perimeter (in cm)	Number Sentence
A	3		$3 + 3 + 3$ 
B	4		$5 \times 4 \text{ cm} =$
C		30	
D			$8 \text{ cm} \times$ 

2. Show how you use the graph to find the perimeter of Regular Pentagon B. Draw dotted lines.
3. Show or tell how you found the side length of Regular Pentagon C.



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Name _____ Date _____

**Professor Peabody's
Shapes Data
Feedback Box**

	Expectation	Check In	Comments
Identify multiplicative patterns in tables, graphs, and number sentences. [Q# 1–2]	E1		
Represent multiplicative patterns in tables and graphs. [Q# 1]	E2		
Use mental math strategies to multiply and divide. [Q# 1, 3]	E3		
Represent solution strategies for multiplication problems with number sentences, tables, and graphs. [Q# 1–3]	E4		
Represent solution strategies for division problems with number sentences, tables, and graphs. [Q# 1, 3]	E5		
Read a table or a point graph. [Q# 1–3]	E7		