Example of Table: (This is done with the ratio of the model to the actual being 3 to 23. Your ratio is different.)

Polygon #1	**Model**	**Actual**
Name:	Pentagon	
Side 1:	5 in.	$\frac{3}{23}=\frac{5}{x}$ $3x=115$ $x=38.33$ 38.33 in
Side 2:	5 in	$\frac{3}{23}=\frac{5}{x}$ $3x=115$ $x=38.33$ 38.33 in
Side 3:	7 in	$\frac{3}{23}=\frac{7}{x}$ $3x=161$ $x=53.67$ 53.67 in
Side 4:	10 in	$\frac{3}{23}=\frac{10}{x}$ $3x=230$ $x=76.67$ 76.67 in
Side 5:	10 in	$\frac{3}{23}=\frac{10}{x}$ $3x=230$ $x=76.67$ 76.67 in
Perimeter:	5 + 5 + 7 + 10 + 10 = 37 in	$\frac{3}{23}=\frac{37}{x}$ $3x=851$ $x=283.67$ OR 38.33 + 38.33 + 53.67 + 76.67 + 76.67 = 283.67 in