

What Did One Elevator Say To The Other Elevator?

A	В	С	D	E	F
G	н	I			

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

	Complete the sentence.	
120 MOUSE	A. A similarity transformation preserves measure.	28 COMING
	B. A similarity transformation also enlarges or reduces side	
square	lengths by a factor k .	areas
AM	C. If two polygons are similar, then the ratio of any two lengths in the polygons is equal to the scale factor	AIR
side	of the similar polygons.	21
UP	D. If two polygons are similar, then the ratio of their perimeters	WRONG
40	is to the ratios of their corresponding side lengths.	3
40	E. If two polygons are similar, then the ratio of their areas is equal	4
SOMETHING	to the of the ratios of their corresponding side lengths.	DOWN
equal	Triangles <i>XYZ</i> and <i>PQR</i> are similar. Find the indicated value.	double
I	F. $p = 15, q = 21, Z_{s}$	
•	r = 9, x = 20,	поп
36	z = 12: Find y.	scale
	x	I
	G. Find the scale factor P	•
corresponding	$r \rightarrow P$	70
THINK	Polygons <i>DEFG</i> and <i>PQRS</i> are similar. Find the indicated value.	RED
	H. The perimeter of <i>PQRS</i> is $D \longrightarrow E$	
100	60 inches, and the ratio of	<u>1</u>
WITH	the side lengths is $\frac{3}{5}$. Find	4
	the perimeter of DEEG	FAST
similar	Q = P	angle
GOING	I. The perimeter of <i>DEFG</i> is 280 inches, and the ratio of the side	HEY
00110	lengths is $\frac{1}{7}$. Find the perimeter of <i>PQRS</i> .	
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