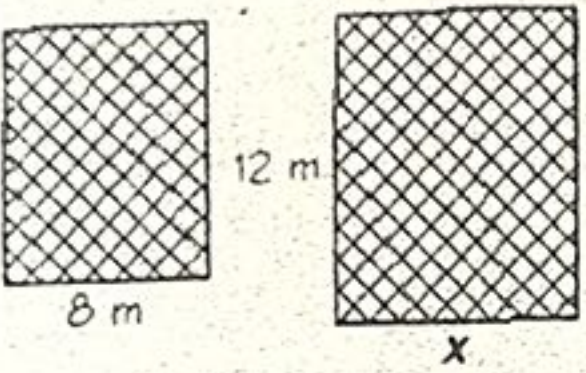
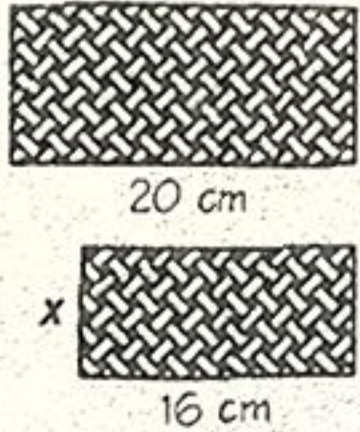


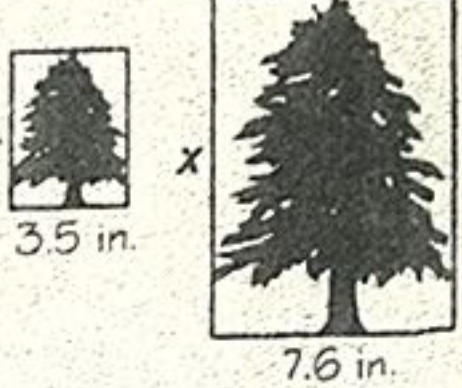
What Do You Call a Palace Window?

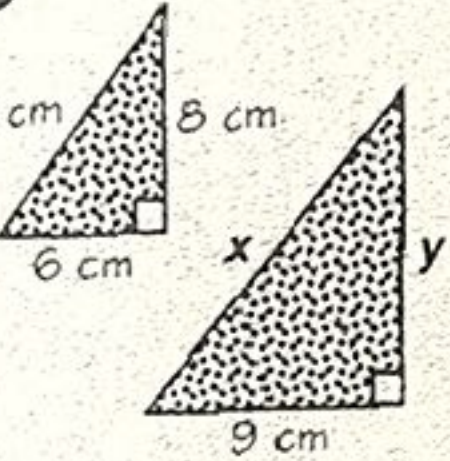
Cross out the letters above each correct answer (some are rounded). When you finish, write the remaining letters in the spaces at the bottom of the page.

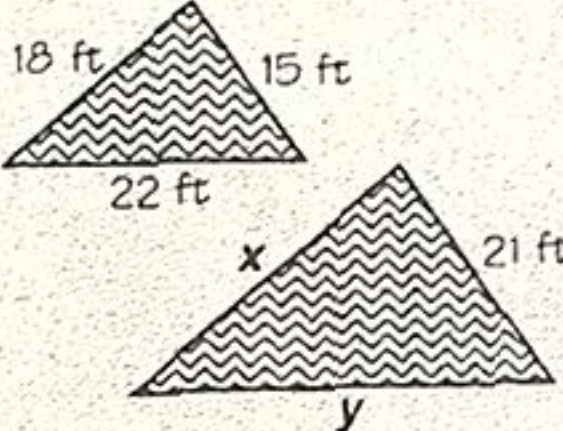
A. For each pair of similar figures, find the length of each side marked with a variable.

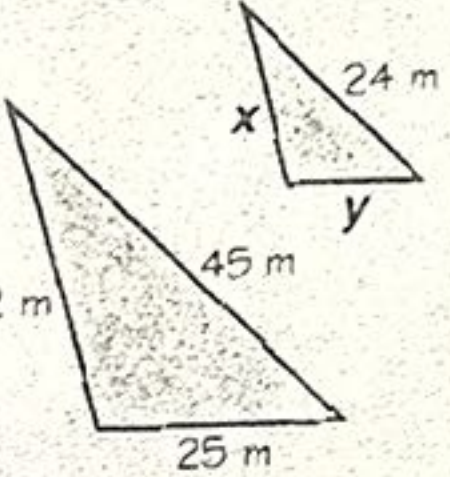
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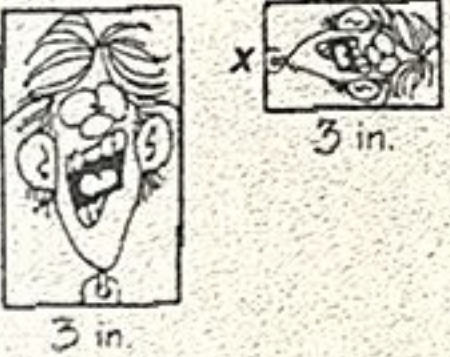
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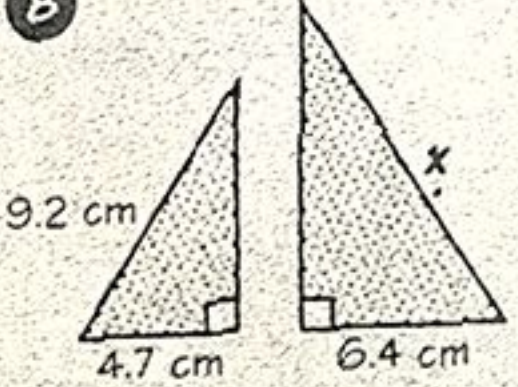
3 

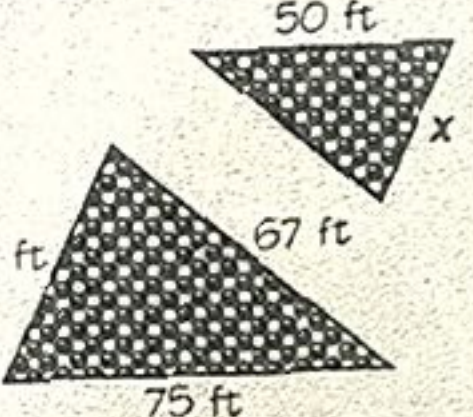
4 

5 

6 

7 

8 

9 

B. Solve.

10 Jen-Min wants to enlarge a 4-in. by 6-in. photo so that the longer side will be 14 in. How long will the shorter side be?

11 A tree casts a shadow 30 ft long. If a man 6 ft tall casts a shadow 5 ft long at the same time of day, how tall is the tree?

C	AR	T	E	O	N	LD	TO	YA	RD
17.1 m	13.4 cm	32 ft	9.6 m	9.8 in.	25.2 ft	36 ft	15 cm	34 ft	1.8 in
IN	HE	LP	C	UP	M	AN	Y	SE	E
10.4 in	9.3 in.	15.5 m	12 cm	13.3 m	12.5 cm	2.1 in.	7.2 cm	30.8 ft	27.6 ft