

Name _____

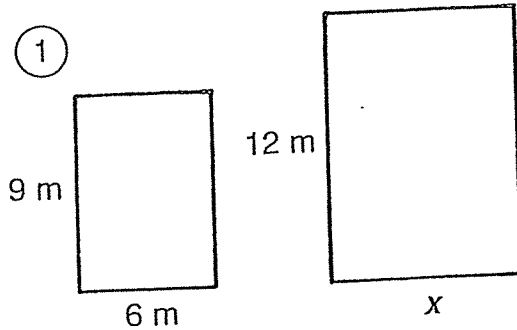
What Is a Termite's Favorite Breakfast?

HW # _____

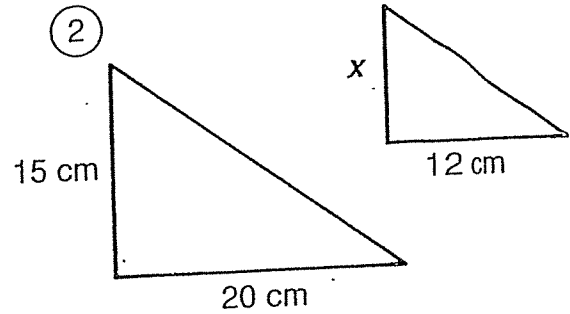
For each pair of similar figures, find the length x . Cross out the letter next to your answer. When you finish, the answer to the title question will remain.

E	9 cm
L	14 cm
T	15 ft
A	20 m
G	50 in.
G	8 m
E	24 in.
S	12 cm
K	16 ft
D	46 m
A	21 in.
C	44 cm
O	10 cm
O	18 m
F	48 in.
W	40 cm
	42 m

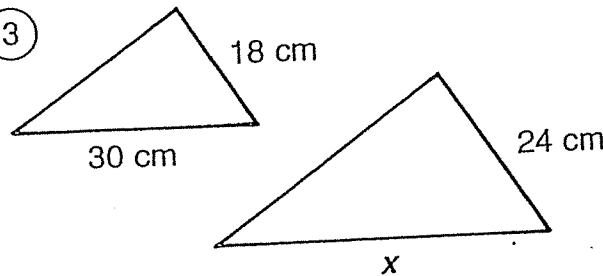
①



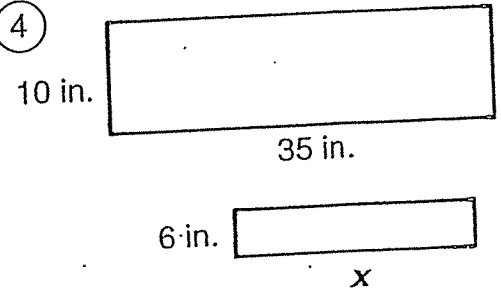
②



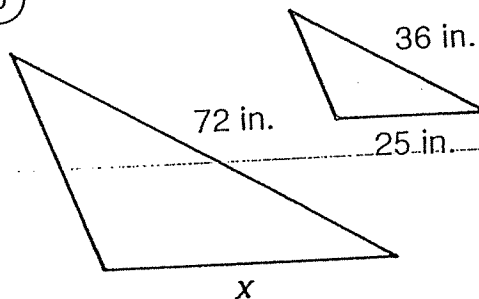
③



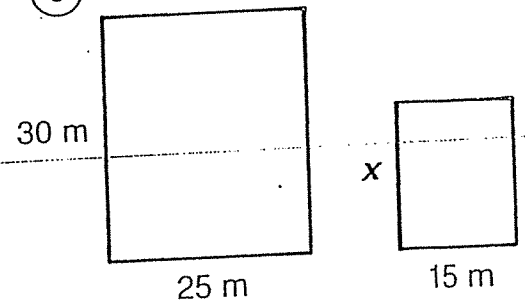
④



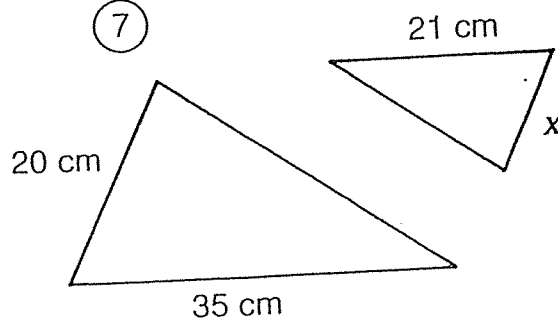
⑤



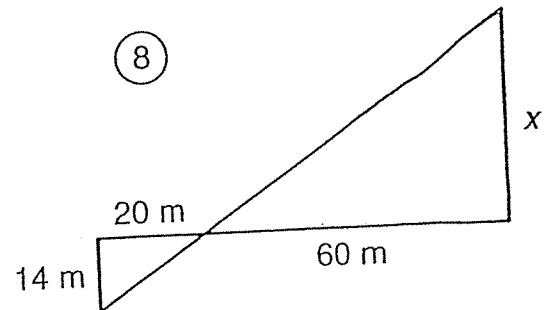
⑥



⑦



⑧



A flagpole casts a shadow 10 ft long. If a man 6 ft tall casts a shadow 4 ft long at the same time of day, how tall is the flagpole?

⑩ A photograph is 25 cm wide and 20 cm high. It must be reduced to fit a space that is 8 cm high. Find the width of the reduced photograph.