
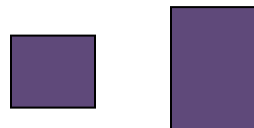


Quiz: Similarity

Are the following figures are similar?			
1		Yes <input type="checkbox"/> No <input type="checkbox"/>	
2		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Answer the following questions dealing with similar figures.			
3	The sides of a triangle are 6,16 and 20. Find the length of the longest side of a similar triangle whose shortest side is 14.		5 $\Delta PQR \sim \Delta LMN$, $PQ=4$, $QR=9$, $MN=10$. Find LM ?
5	At a certain time of the day, the shadow of a 18' boy is 28' long. The shadow of a tree at this same time is 32' long.How tall is the tree?		6 Two sticks are leaned against a wall making same angle with the ground. The 32' stick reaches 42' up the wall.How much further up the wall does the 8' stick reach?
7	The sides of a triangle are 8,15 and 18. Find the length of the longest side of a similar triangle whose shortest side is 19.		8 $\Delta PQR \sim \Delta LMN$, $PQ=9$, $QR=15$, $MN=7$. Find LM ?
9	At a certain time of the day, the shadow of a 14' boy is 24' long. The shadow of a tree at this same time is 30' long.How tall is the tree?		10 Two sticks are leaned against a wall making same angle with the ground. The 48' stick reaches 64' up the wall.How much further up the wall does the 14' stick reach?

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%