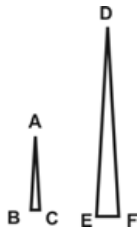


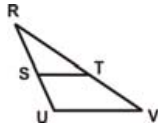
Quiz: Similarity of Triangles in Numeric Problems



AB=12
BC=1
DE=48
DF=50

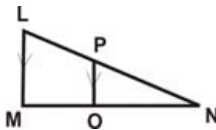
In the figure given in the left, $\triangle ABC$ is similar to $\triangle DEF$.

1. Find AC
2. Find EF



RS=8
RU=12
RT=14
UV=7

3. Find RV
4. Find ST
5. Find SU
6. Find VT



LM=16
PO=4
ON=10
PN=6

7. Find LP
8. Find MN

9. The shadow of a 120 inch pole is 240 inch long. At the same time the shadow of a tower is 540 inch long. How tall is the tower?
10. Sam is 180 cm tall. His shadow is 240 cm long and the shadow of a building is 1500 cm long. How tall is the building?

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%