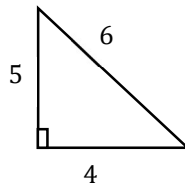
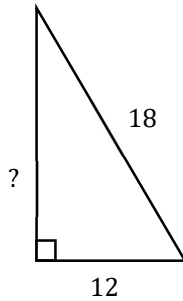


Math Worksheets

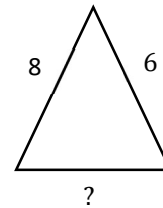
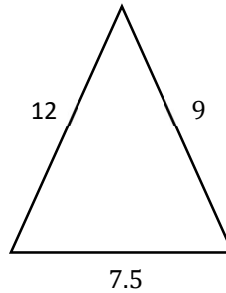
Similarity and Ratios

 Each pair of figures is similar. Find the missing side.

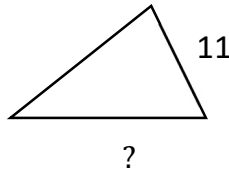
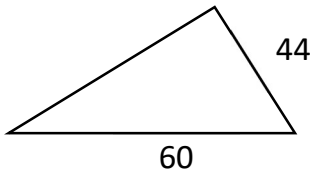
1)



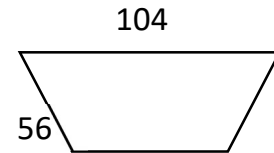
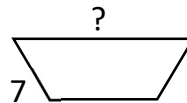
2)



3)



4)



 Calculate.

- 5) Two rectangles are similar. The first is 24 feet wide and 120 feet long. The second is 30 feet wide. What is the length of the second rectangle? _____
- 6) Two rectangles are similar. One is 5 meters by 36 meters. The longer side of the second rectangle is 90 meters. What is the other side of the second rectangle? _____
- 7) A building casts a shadow 25 ft long. At the same time a girl 10 ft tall casts a shadow 5 ft long. How tall is the building? _____
- 8) The scale of a map of Texas is 4 inches: 32 miles. If you measure the distance from Dallas to Martin County as 38.4 inches, approximately how far is Martin County from Dallas? _____

Answers of Worksheets

Similarity and ratios

1) 15

2) 5

3) 15

4) 13

5) 150 feet

6) 12.5 meters

7) 50 feet

8) 307.2 miles