Name : _____   Score : _____
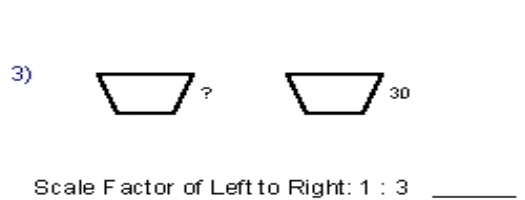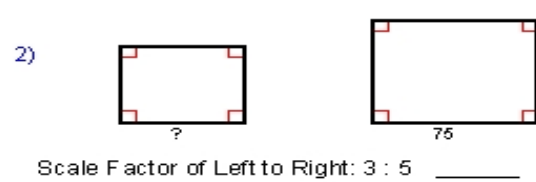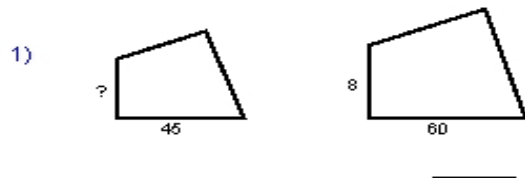
Teacher : _____   Date : _____

Using Similar Polygons

Each polygon pair is similar. Find the missing side length.

1)

?   8
45   60

_____

2)

?   75

Scale Factor of Left to Right: 3 : 5 _____

3)

?   30

Scale Factor of Left to Right: 1 : 3 _____

4)

20   ?

Scale Factor of Left to Right: 5 : 6 _____

Given each polygon pair is similar, find x.

5)

2   x

Scale Factor of Left to Right: 1 : 4 _____

6)

3   x

Scale Factor of Left to Right: 1 : 6 _____

7)

10   36
24   x

_____

8)

x   24
7   14

_____

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