

Name : \_\_\_\_\_

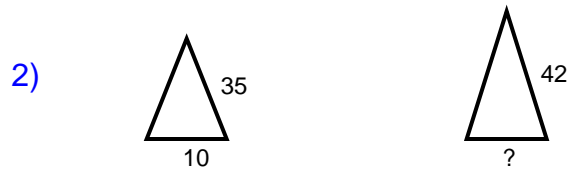
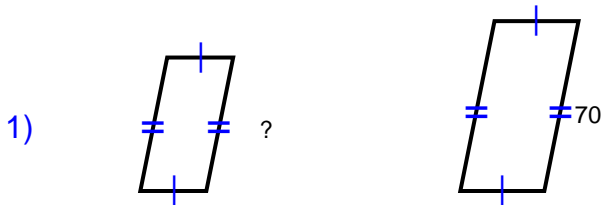
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

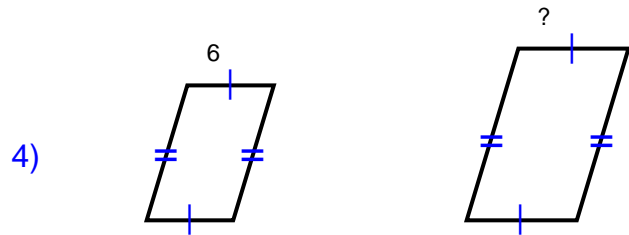
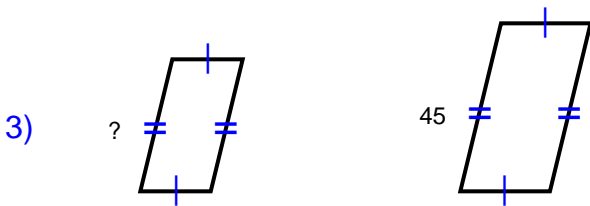
Date : \_\_\_\_\_

### Using Similar Polygons

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



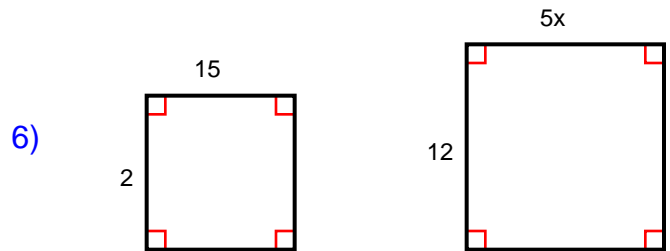
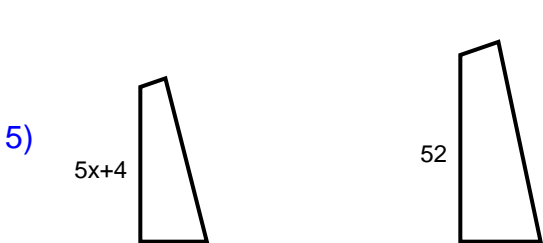
Scale Factor of Left to Right: 3 : 5 \_\_\_\_\_



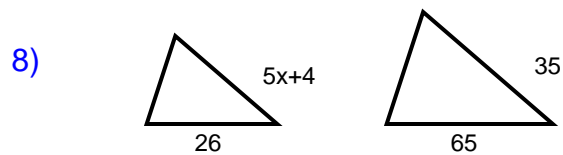
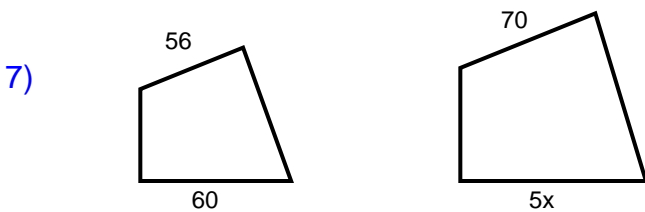
Scale Factor of Left to Right: 1 : 3 \_\_\_\_\_

Scale Factor of Left to Right: 2 : 3 \_\_\_\_\_

Given each polygon pair is similar, find x.



Scale Factor of Left to Right: 3 : 4 \_\_\_\_\_



Name : \_\_\_\_\_

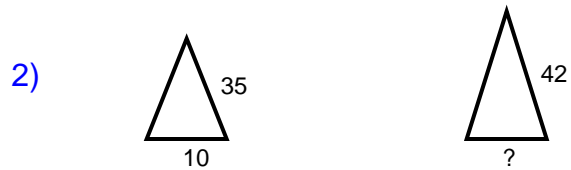
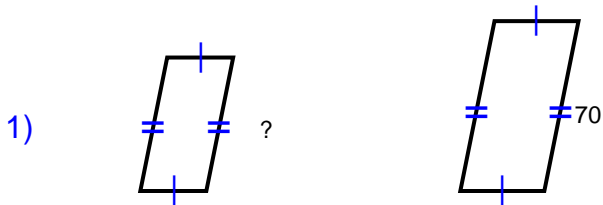
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

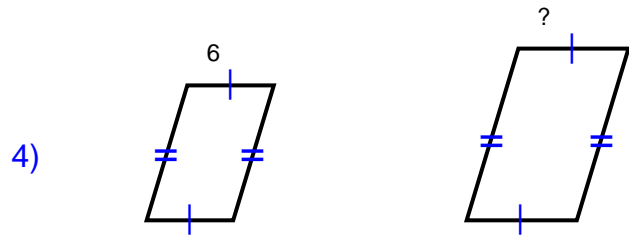
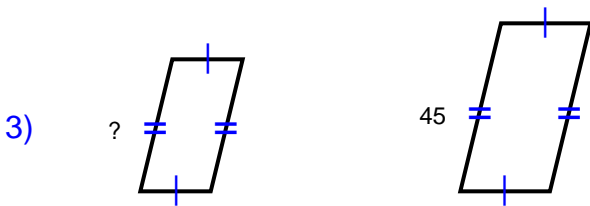
### Using Similar Polygons

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



Scale Factor of Left to Right:  $3 : 5$  42

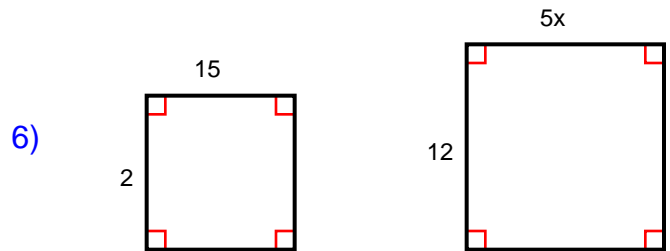
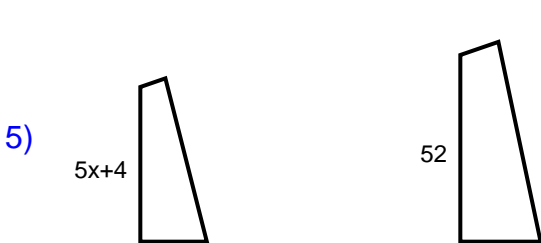
12



Scale Factor of Left to Right:  $1 : 3$  15

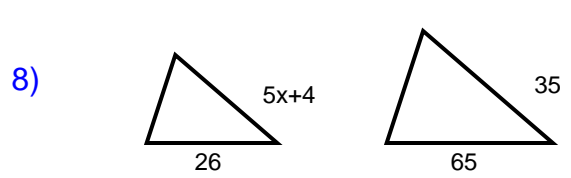
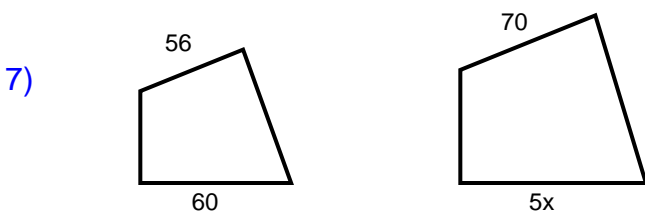
Scale Factor of Left to Right:  $2 : 3$  9

Given each polygon pair is similar, find x.



Scale Factor of Left to Right:  $3 : 4$  7

18



15

2

