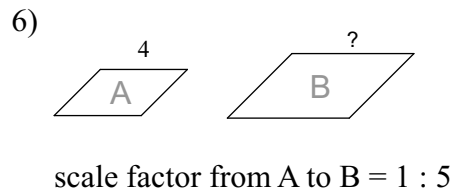
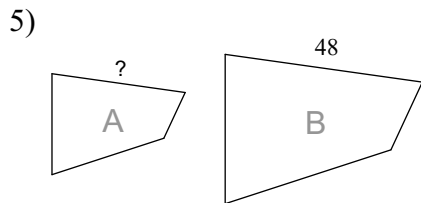
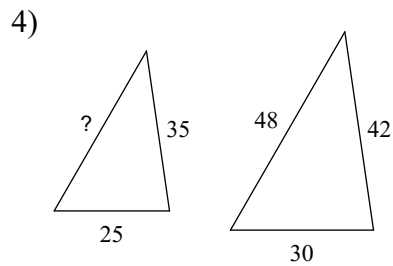
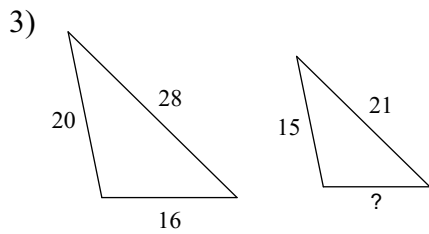
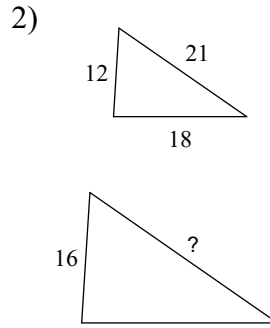
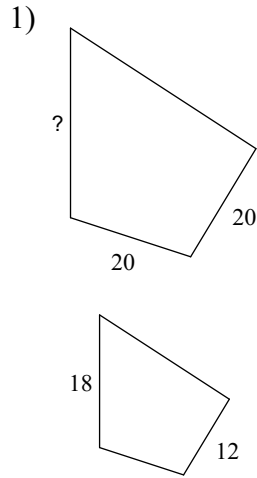


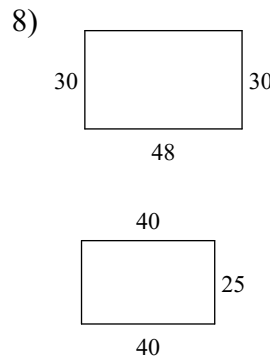
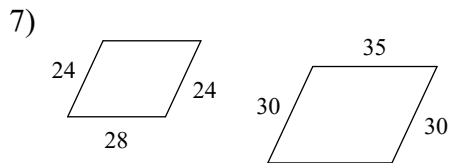
Similar Polygons and Scale Factor

The polygons in each pair are similar. Find the missing side length.



scale factor from A to B = 5 : 6

The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.



Answers to Similar Polygons and Scale Factor (ID: 1)

1) 30

2) 28

3) 12

4) 40

5) 40

6) 20

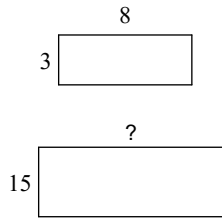
7) 4 : 5

8) 5 : 6

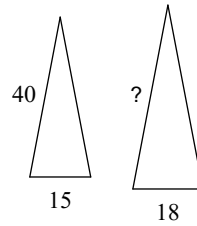
Similar Polygons and Scale Factor

The polygons in each pair are similar. Find the missing side length.

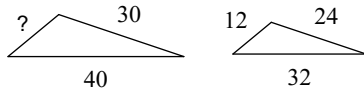
1)



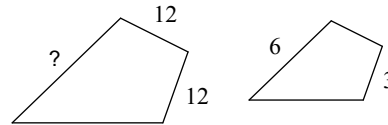
2)



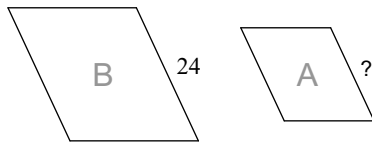
3)



4)

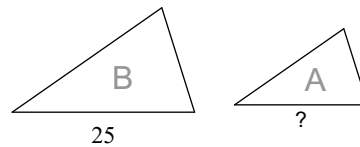


5)



scale factor from A to B = 2 : 3

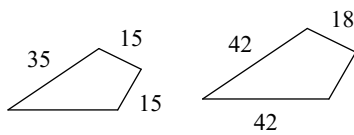
6)



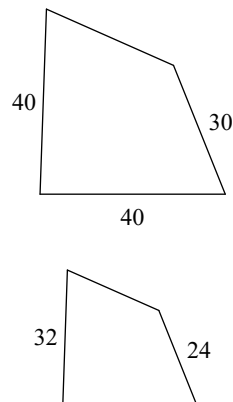
scale factor from A to B = 3 : 5

The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

7)



8)



Answers to Similar Polygons and Scale Factor (ID: 2)

1) 40
5) 16

2) 48
6) 15

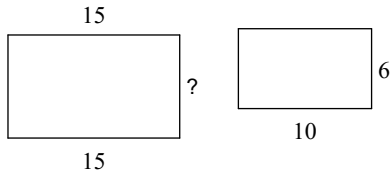
3) 15
7) 5 : 6

4) 24
8) 4 : 5

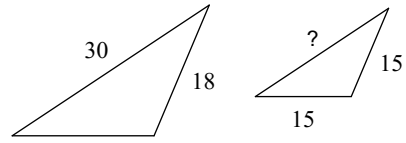
Similar Polygons and Scale Factor

The polygons in each pair are similar. Find the missing side length.

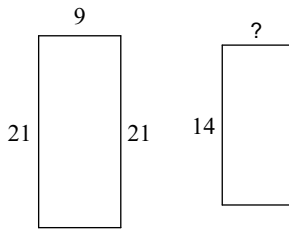
1)



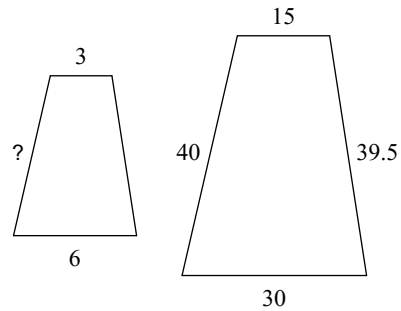
2)



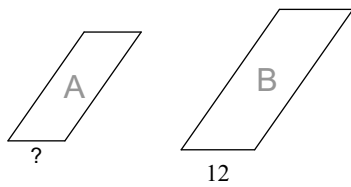
3)



4)

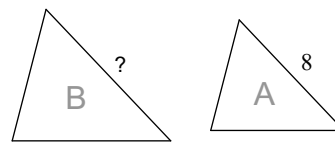


5)



scale factor from A to B = 3 : 4

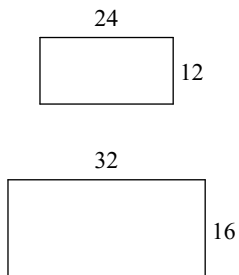
6)



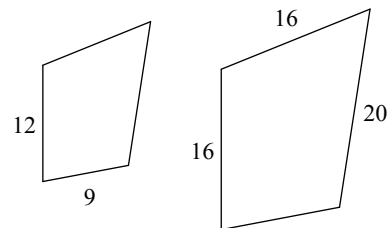
scale factor from A to B = 1 : 2

The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

7)



8)



Answers to Similar Polygons and Scale Factor (ID: 3)

1) 9
5) 9

2) 25
6) 16

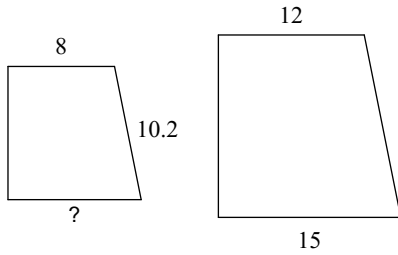
3) 6
7) 3 : 4

4) 8
8) 3 : 4

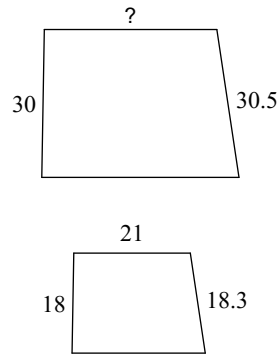
Similar Polygons and Scale Factor

The polygons in each pair are similar. Find the missing side length.

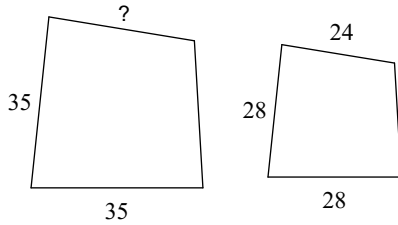
1)



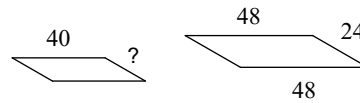
2)



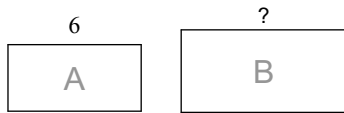
3)



4)

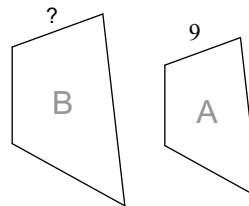


5)



scale factor from A to B = 1 : 4

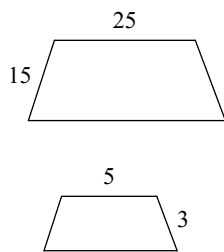
6)



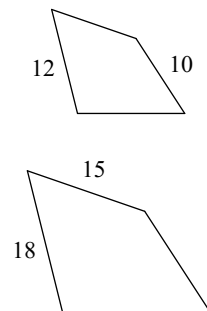
scale factor from A to B = 3 : 4

The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

7)



8)



Answers to Similar Polygons and Scale Factor (ID: 4)

1) 10

2) 35

3) 30

4) 20

5) 24

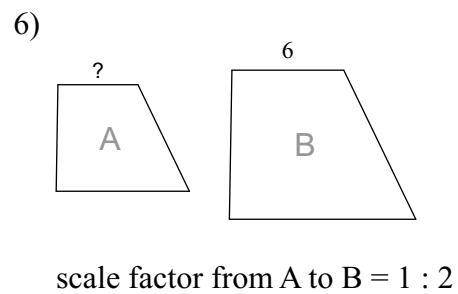
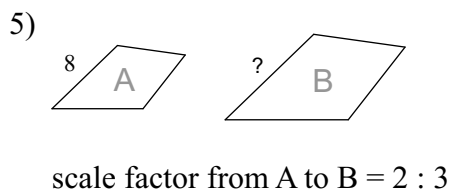
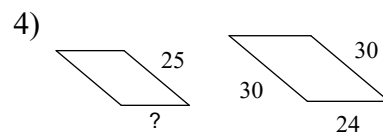
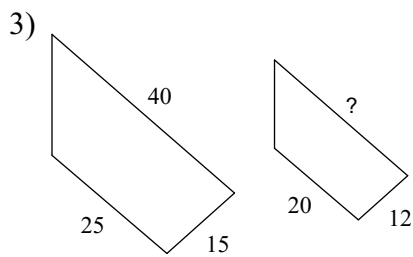
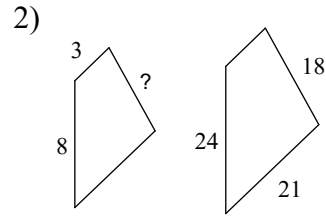
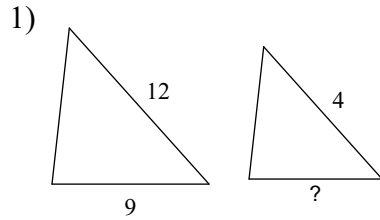
6) 12

7) 1 : 5

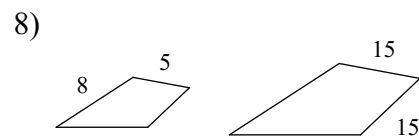
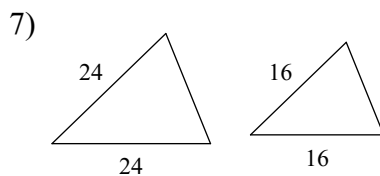
8) 2 : 3

Similar Polygons and Scale Factor

The polygons in each pair are similar. Find the missing side length.



The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.



Answers to Similar Polygons and Scale Factor (ID: 5)

1) 3
5) 12

2) 6
6) 3

3) 32
7) 2 : 3

4) 20
8) 1 : 3