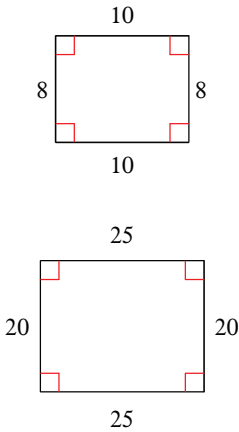


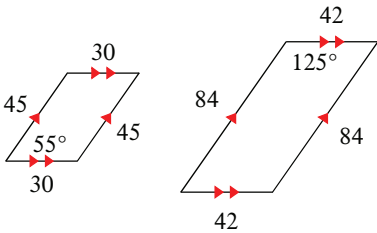
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State if the polygons are similar. Show your proportions and simplifications.

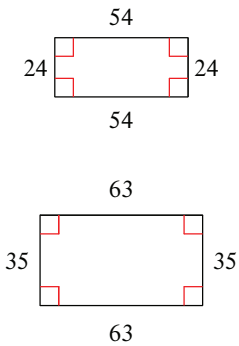
1)



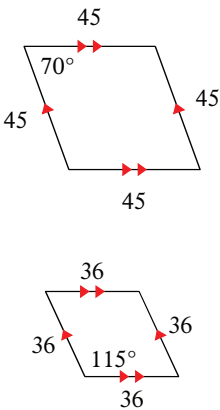
2)



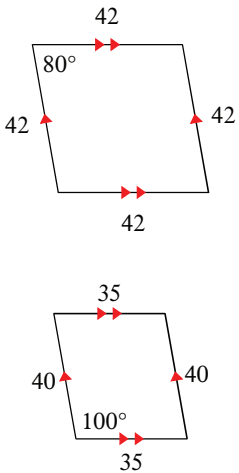
3)



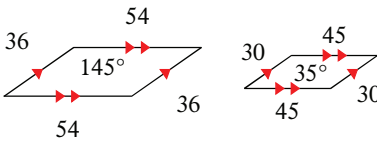
4)



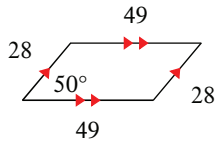
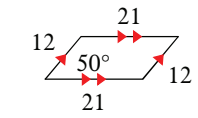
5)



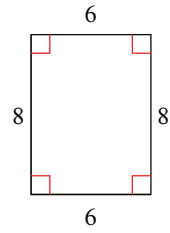
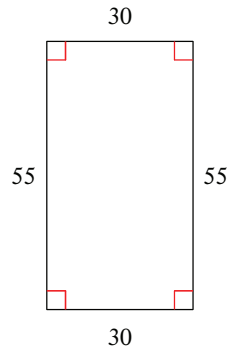
6)



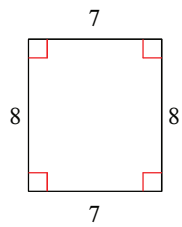
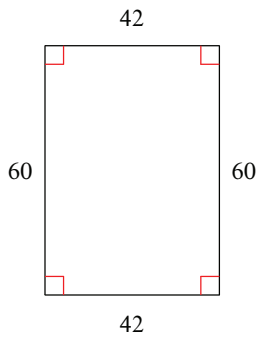
7)



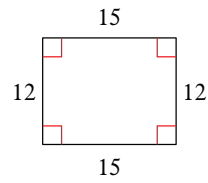
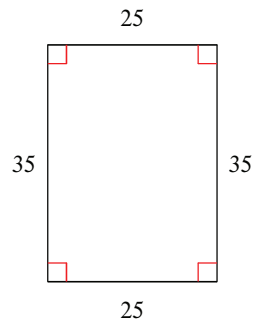
8)



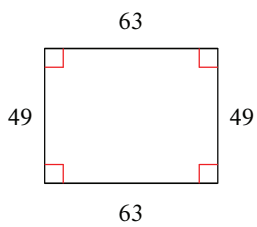
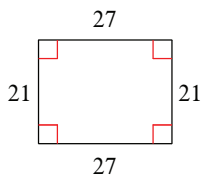
9)



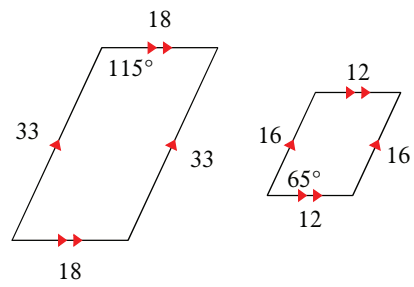
10)



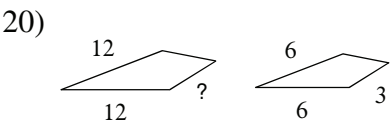
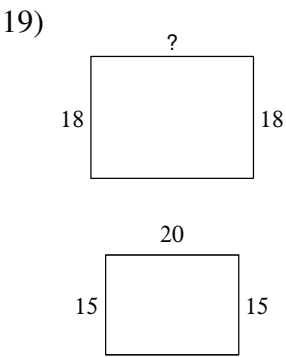
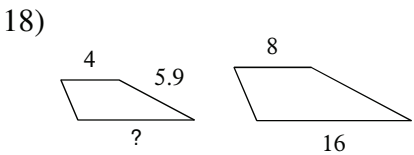
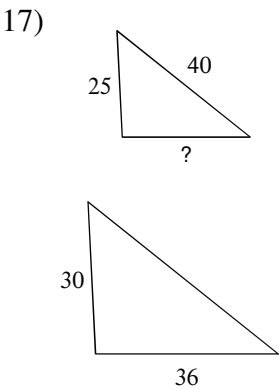
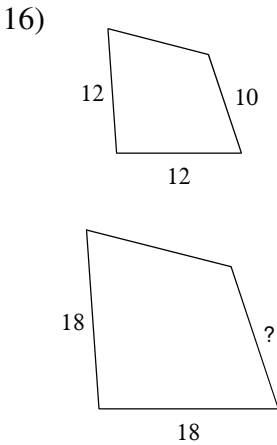
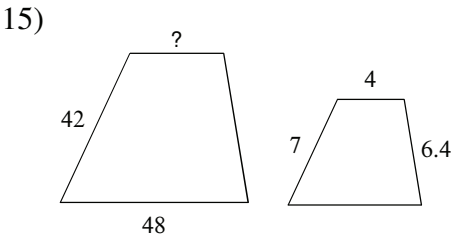
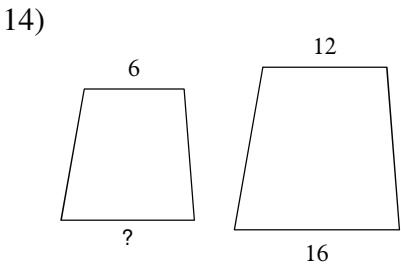
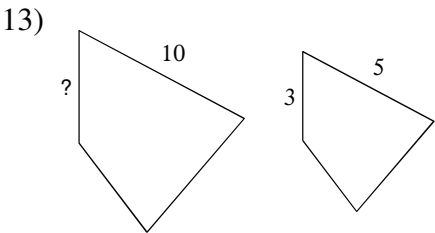
11)



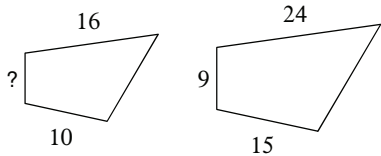
12)



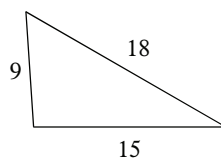
The polygons in each pair are similar. Find the missing side length.



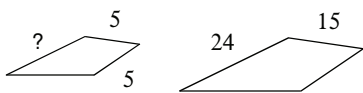
21)



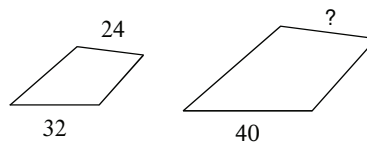
22)



23)

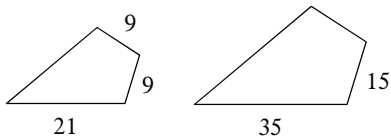


24)

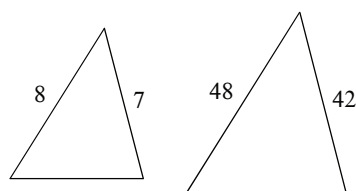


The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

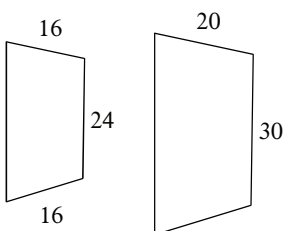
25)



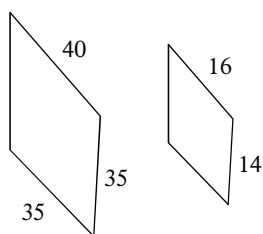
26)



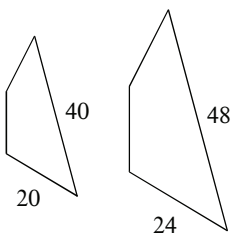
27)



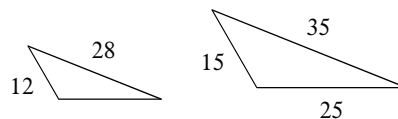
28)



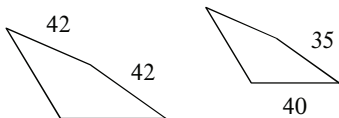
29)



30)



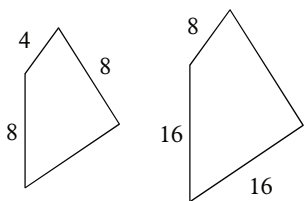
31)



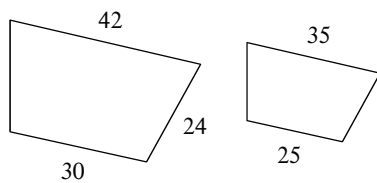
32)



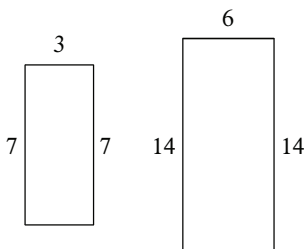
33)



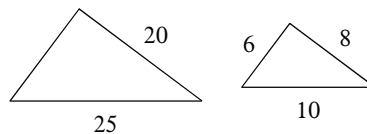
34)



35)

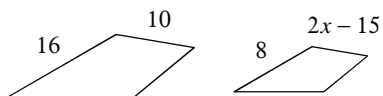


36)

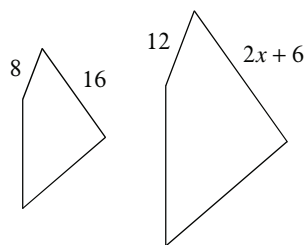


Solve for x . The polygons in each pair are similar.

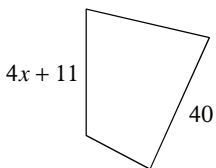
37)



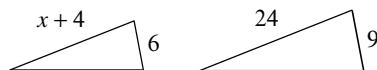
38)



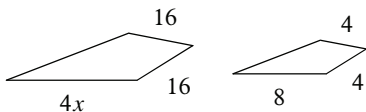
39)



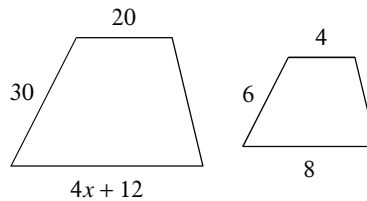
40)



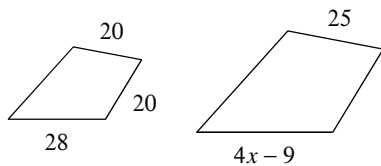
41)



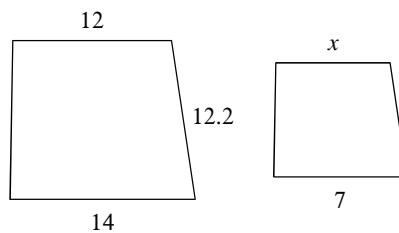
42)



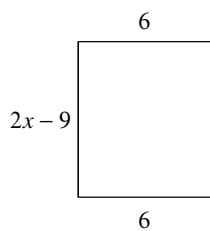
43)



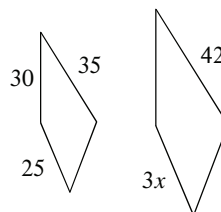
44)



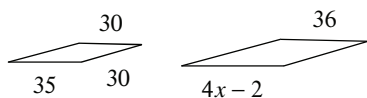
45)



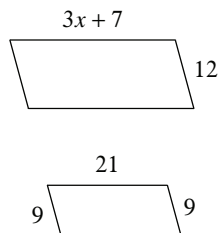
46)



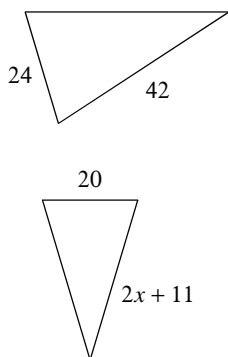
47)



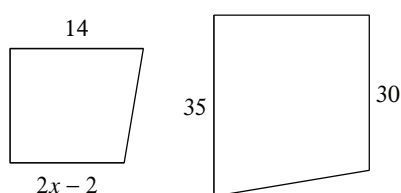
48)



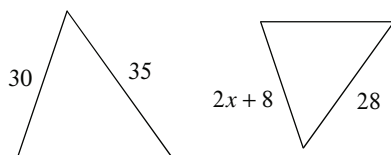
49)



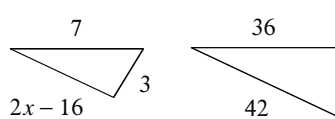
50)



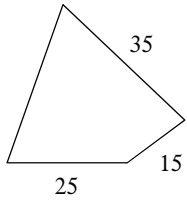
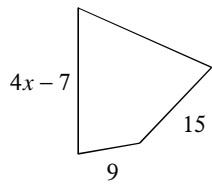
51)



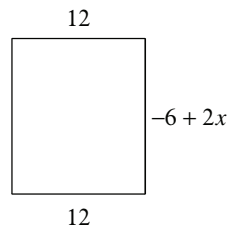
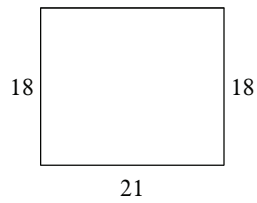
52)



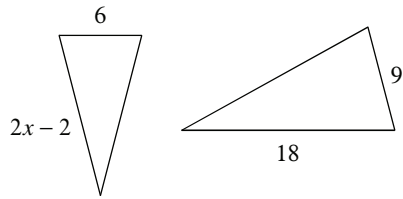
53)



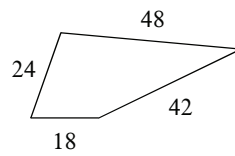
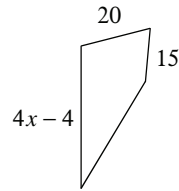
54)



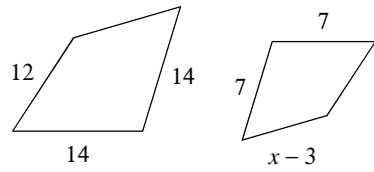
55)



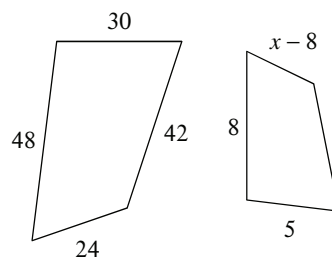
56)



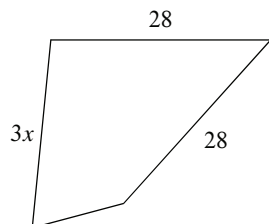
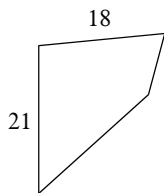
57)



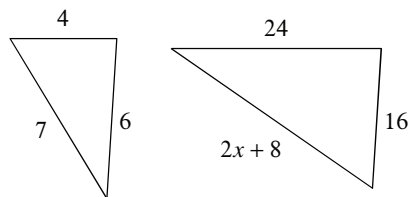
58)



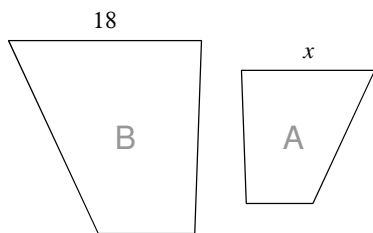
59)



60)

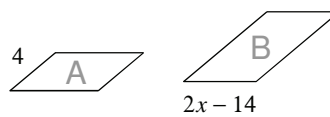


61)



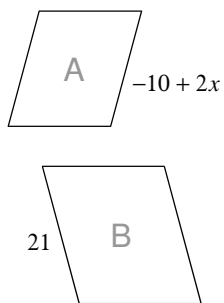
scale factor from A to B = 1 : 3

62)



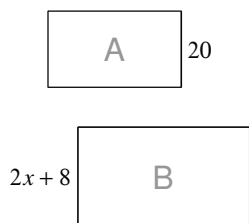
scale factor from A to B = 1 : 2

63)



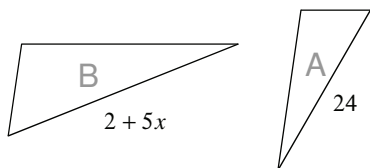
scale factor from A to B = 2 : 3

64)



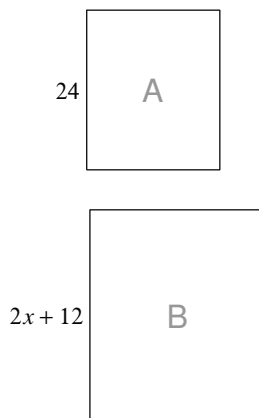
scale factor from A to B = 5 : 6

65)



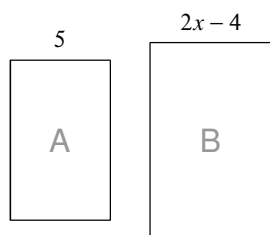
scale factor from A to B = 3 : 4

66)



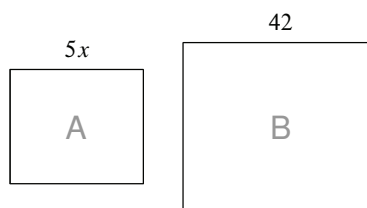
scale factor from A to B = 4 : 5

67)



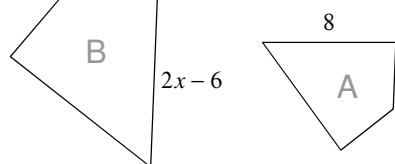
scale factor from A to B = 1 : 4

68)



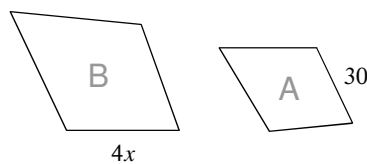
scale factor from A to B = 5 : 6

69)



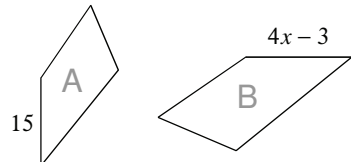
scale factor from A to B = 1 : 2

70)



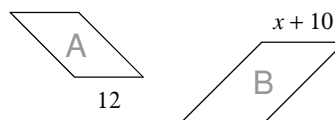
scale factor from A to B = 5 : 6

71)



scale factor from A to B = 3 : 5

72)



scale factor from A to B = 2 : 3