Lab sheet SS 4.3

Problem	Scale Factor from smallest to largest	Scale Factor from largest to smallest	Side length ratio longest side to shortest side	Side length ratio shortest side to longest side
A				
Missing side length:				
B				
Missing side length:				
C				
Missing side length:				
D				
Missing side length:				

Lab sheet SS 4.2

B.1.

Triangle	Shortest side	Longest side	Ratio shortest side to longest side	Ratio longest side to shortest side
A				
B				
C				
D				

Triangle	Shortest side	"Middle" side	Ratio shortest side to "middle" side	Ratio "middle" side to shortest side
A				
B				
C				
D				

B.2. How do the ratios of side lengths compare for similar triangles? _____

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B.3. How do the ratios of side lengths compare for non- similar triangles? _____

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Lab sheet SS 4.2 Extension

What is the scale factor between each of the similar triangles?

Triangle	Shortest side	Longest side

Triangle	Ratio shortest side to shortest side	Ratio longest side to longest side	Scale Factor
△ : △			
△ : △			
△ : △			
△ : △			
△ : △			
△ : △			

What information does the scale factor give about two similar figures? _____

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