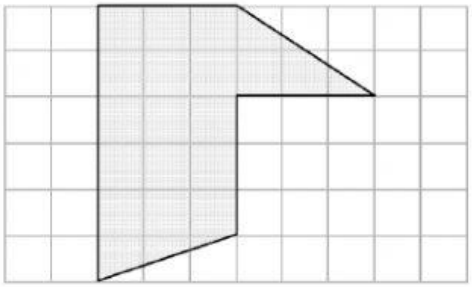
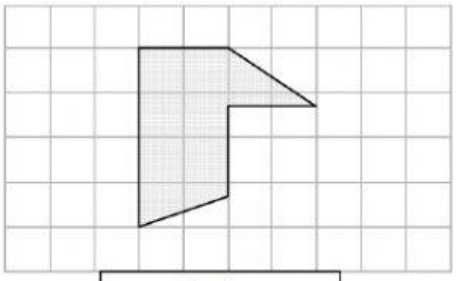
Scale Factor Worksheet

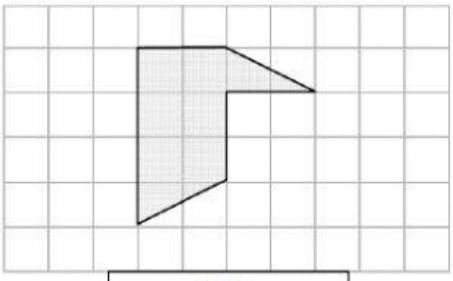
1. Gordon and Sally were asked to make a drawing to reduce this shape by a scale factor of $\frac{2}{3}$.



Here are the drawings they made.



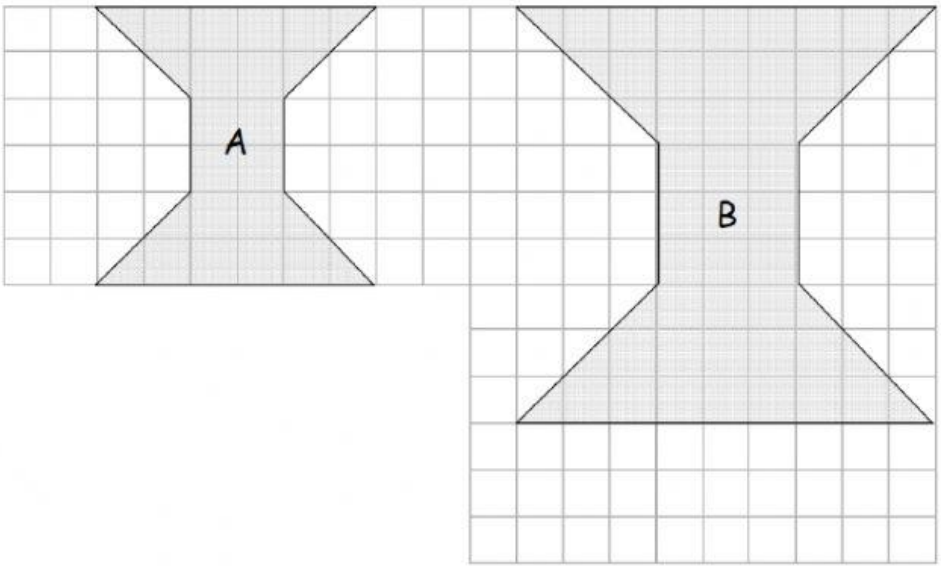
Gordon



Sally

Who carried out the task correctly? Explain your answer. **(1 and #)**

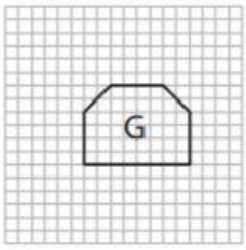
3. Shape A has been enlarged by a scale factor to give shape B.

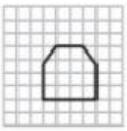


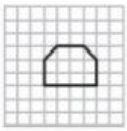
Cooper thinks that a scale factor of $\frac{3}{2}$ has been used.

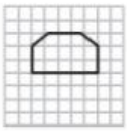
Is he correct? Explain your answer. **(1 and #)**

2) Which figure is the scaled copy of figure G?



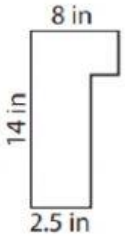
a) 

b) 

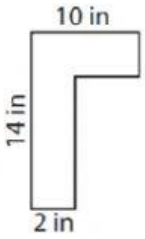
c) 

3) Which of the following figures is the scaled copy of the figure A?

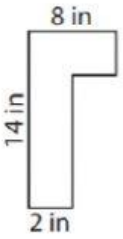
a)



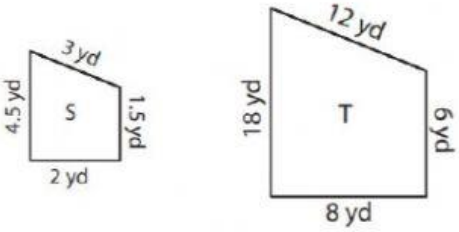
b)



c)



5) Identify the scale factor of figure S to T.



a) 4 : 1 b) 1 : 4 c) 1 : 4.5