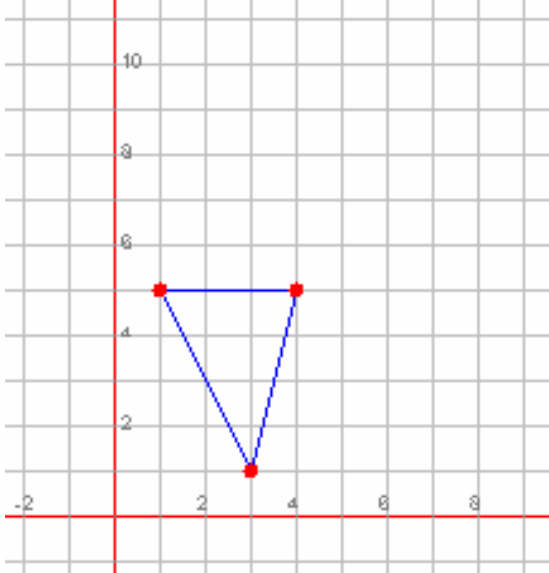
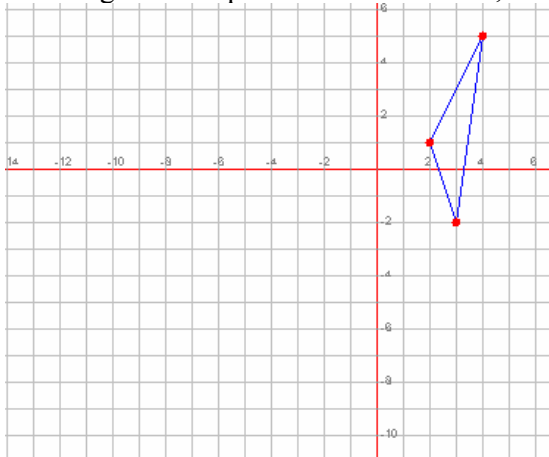


Enlargements

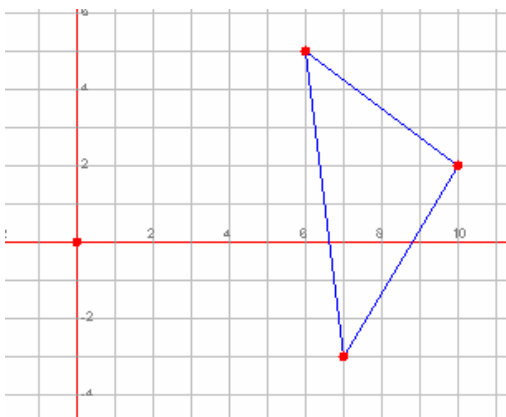
1 Enlarge this shape with scale factor 2, centre (0,0)



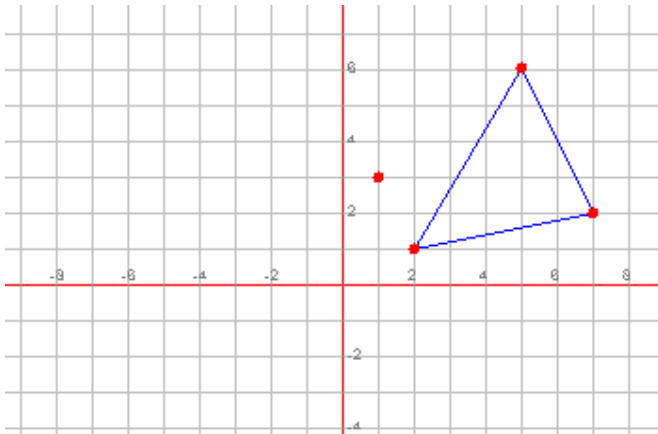
2. Enlarge this shape with scale factor -2, centre (0,0).



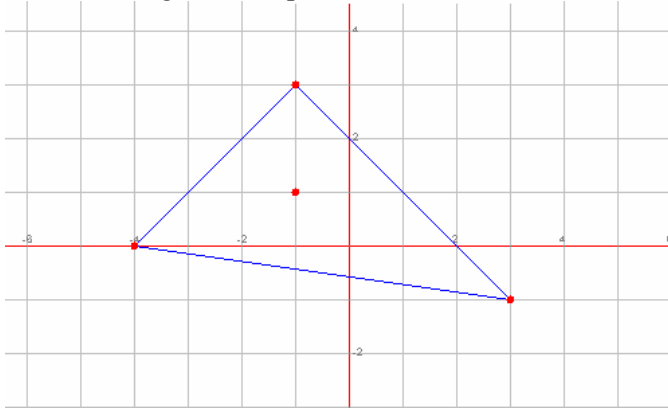
3 Enlarge this shape, scale factor 0.5, centre (0,0)



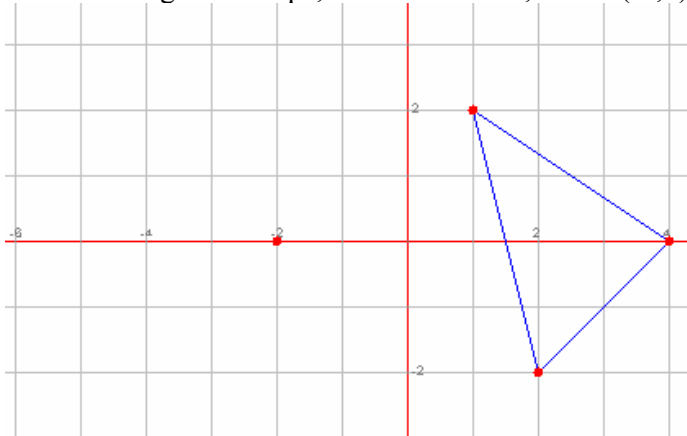
4. Enlarge this shape, scale factor -1.5 , centre (1.3) .



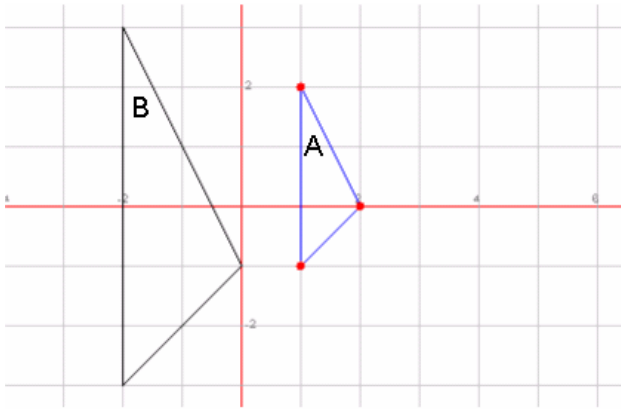
5. Enlarge this shape with scale factor 1.5 , centre $(-1, 1)$



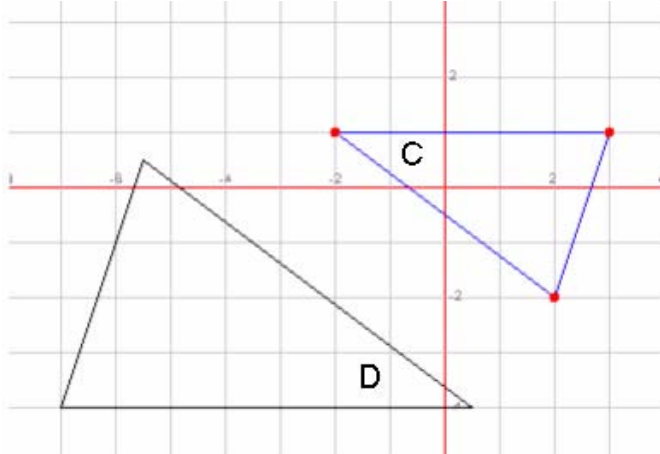
6. Enlarge this shape, scale factor -0.5 , centre $(-2, 0)$



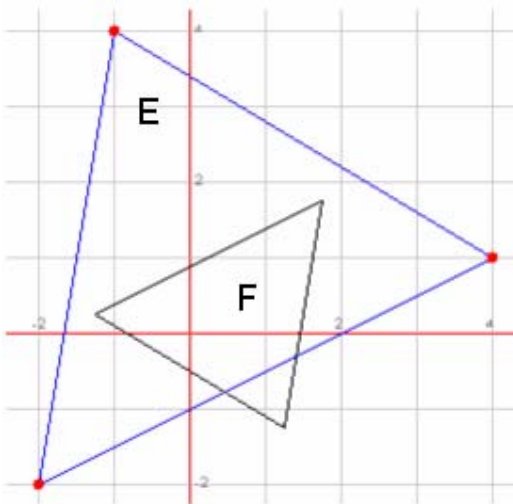
7. Find the centre and the scale factor of the enlargement from A to B.

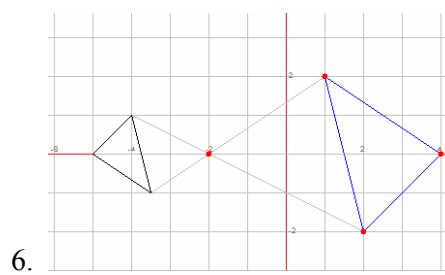
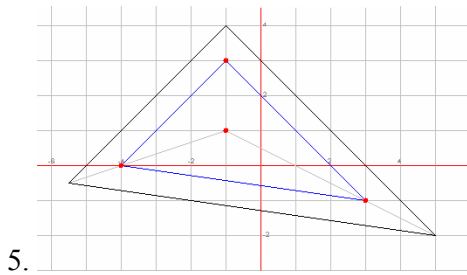
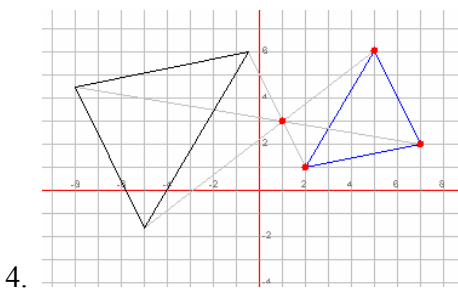
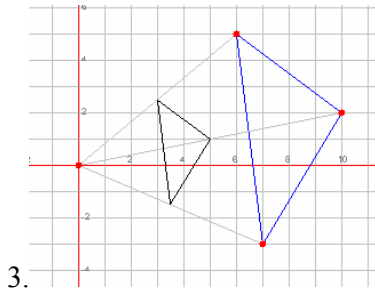
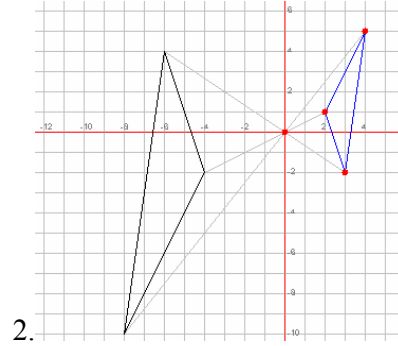
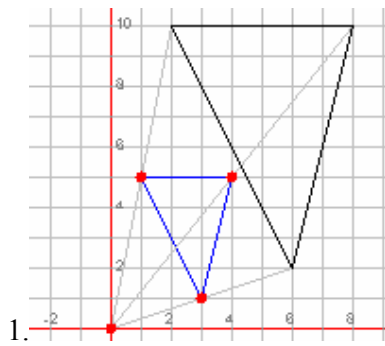


8. Find the centre and the scale factor of the enlargement from C to D.



9. Find the centre and the scale factor of the enlargement from E to F.



Answers:

7. Centre: (4,1), scale factor: 2
 8. Centre: (-1,-1), scale factor: -1.5
 9. Centre: (0.5,0.5), scale factor: -0.5