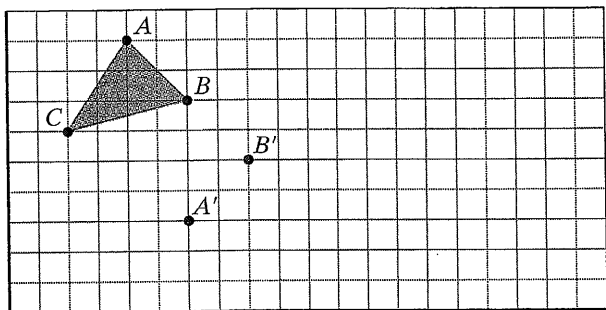


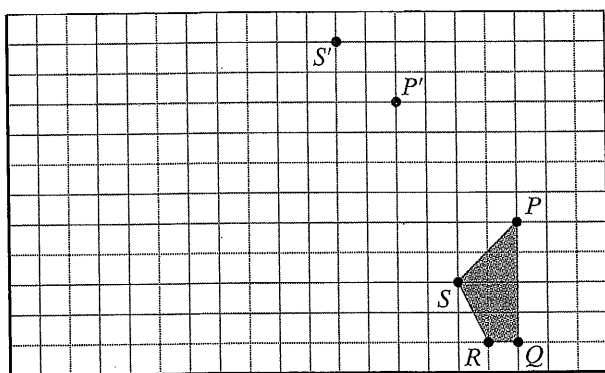
16. Given a rotation that moves the point A to the point A' and the point B to the point B' as shown in the following figure, find

- the rotocenter.
- the image of triangle ABC under the rotation.



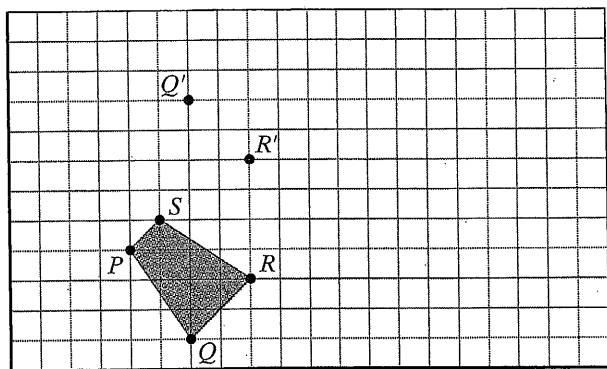
17. Given a rotation that moves the point P to the point P' and the point S to the point S' as shown in the following figure, find

- the rotocenter.
- the angle of rotation.
- the image of quadrilateral $PQRS$ under the rotation.



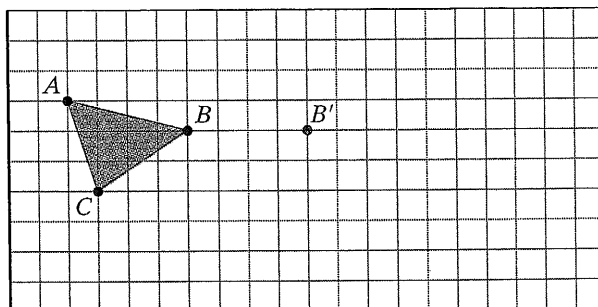
18. Given a rotation that moves the point Q to the point Q' and the point R to the point R' as shown in the following figure, find

- the rotocenter.
- the angle of rotation.
- the image of quadrilateral $PQRS$ under the rotation.



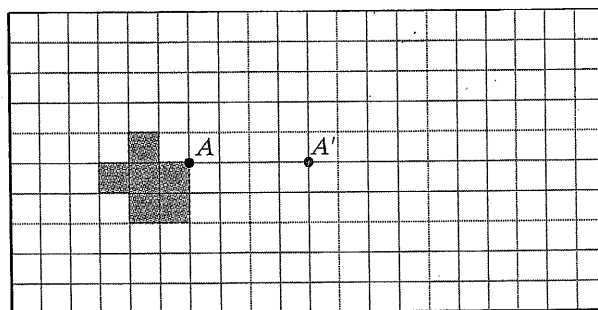
19. Given a 90° clockwise rotation that moves the point B to the point B' as shown in the following figure, find

- the rotocenter.
- the image of triangle ABC under the rotation.



20. Given a half-turn (180° rotation) that moves the point A to the point A' as shown in the following figure, find

- the rotocenter.
- the image of the shaded region under the rotation.



C. Translations

21. Which point in the following figure is the image of P under

- the translation with vector v_1 ?
- the translation with vector v_2 ?
- the translation with vector v_3 ?
- the translation with vector v_4 ?

