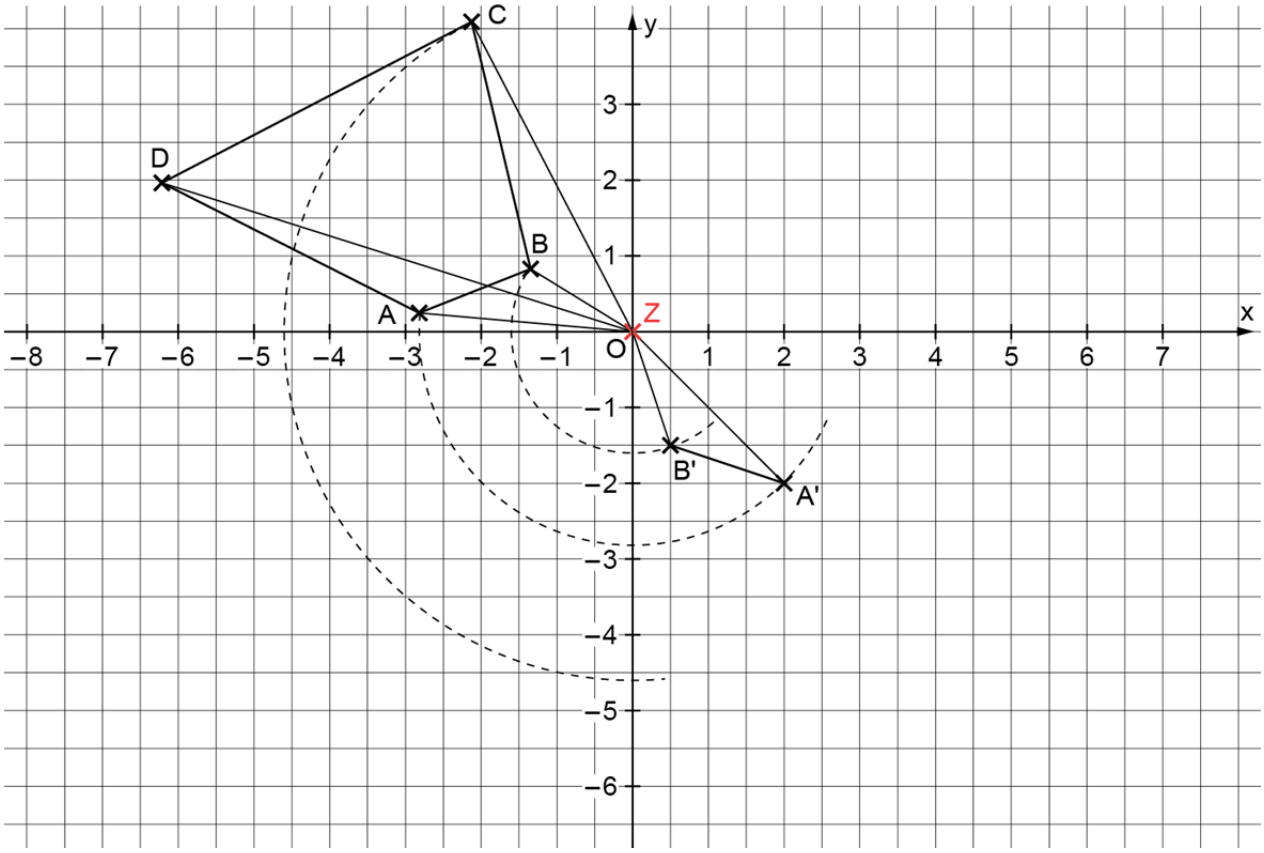
Drehung. Punktspiegelung

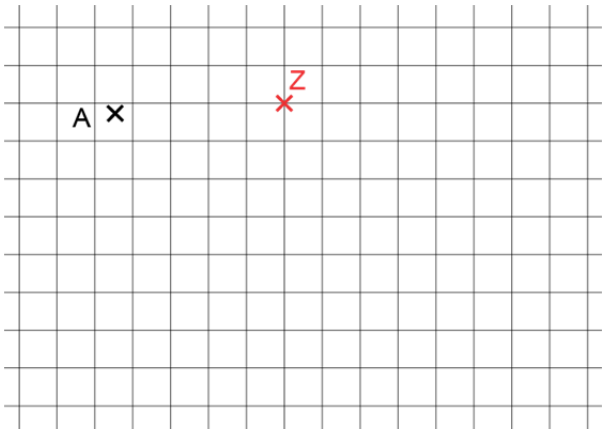
1 Vervollständige die Drehung um 140°. Gib die Koordinaten der Bildpunkte an.

$A'(\_\_\_\_|\_\_\_\_)$; $B'(\_\_\_\_|\_\_\_\_)$; $C'(\_\_\_\_|\_\_\_\_)$; $D'(\_\_\_\_|\_\_\_\_)$

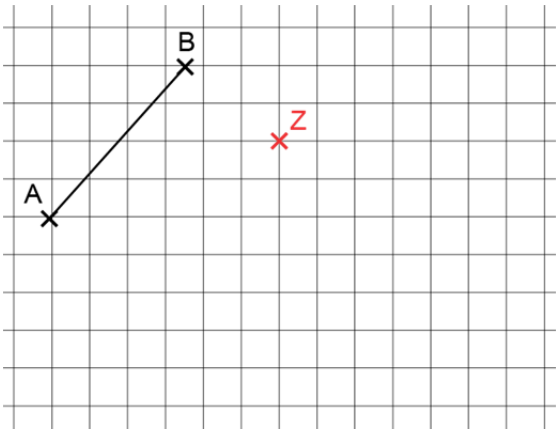


2

a) Drehe den Punkt um Z um 150°.



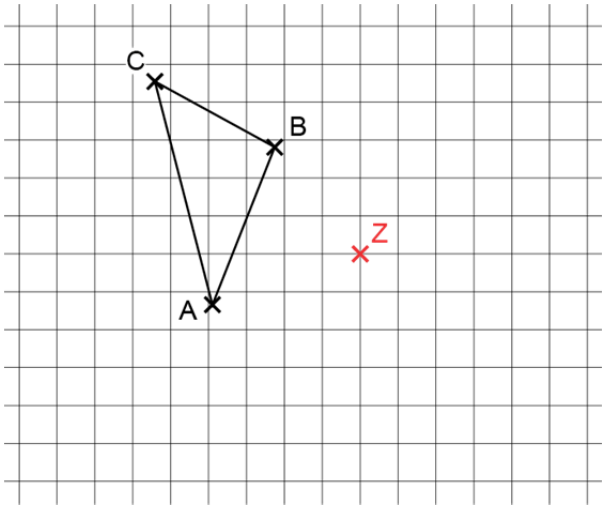
b) Drehe die Strecke um Z um 110°.



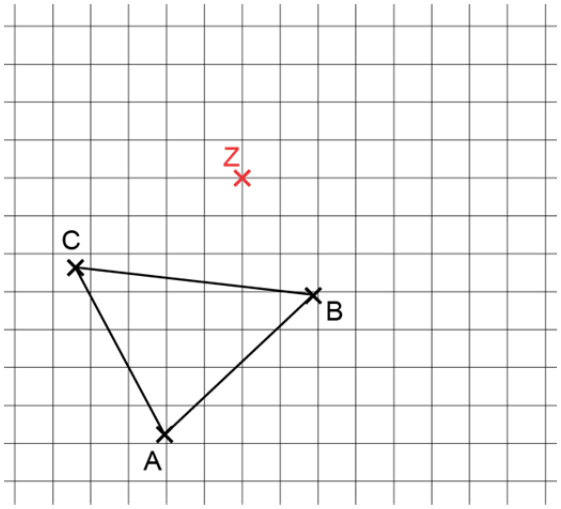
Drehung. Punktspiegelung

3

a) Drehe das Dreieck um Z um 85°.

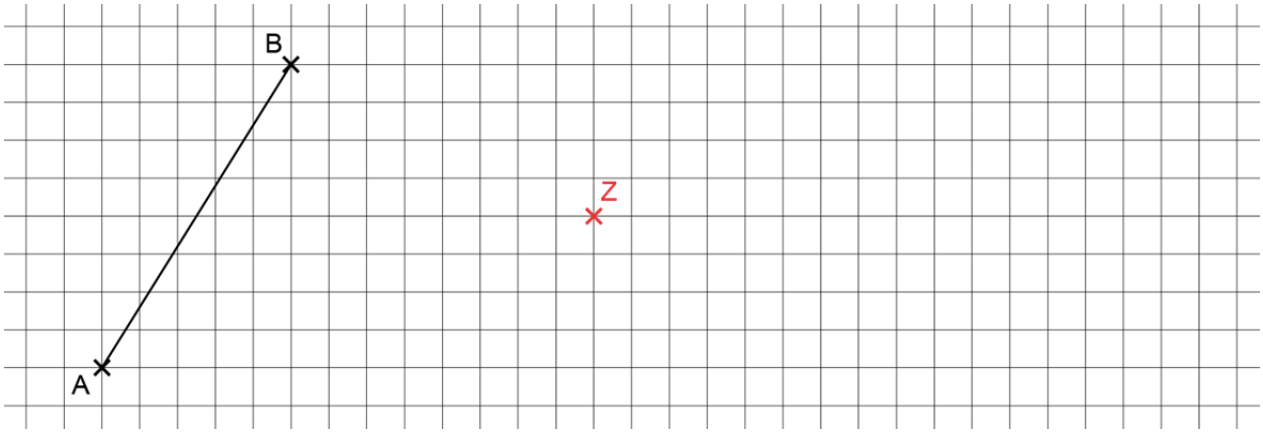


b) Drehe das Dreieck um Z um 115°.

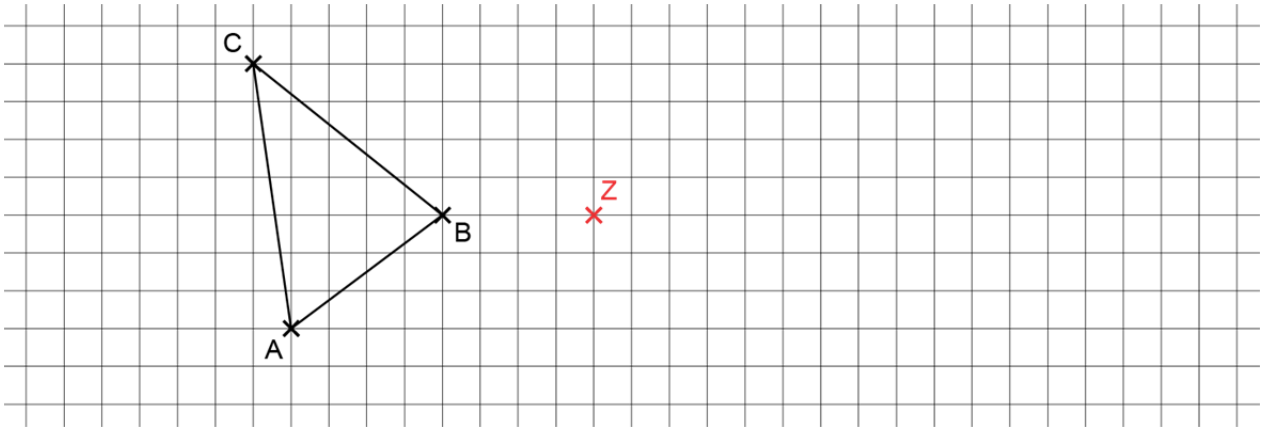


4

a) Spiegle die Strecke an Z.

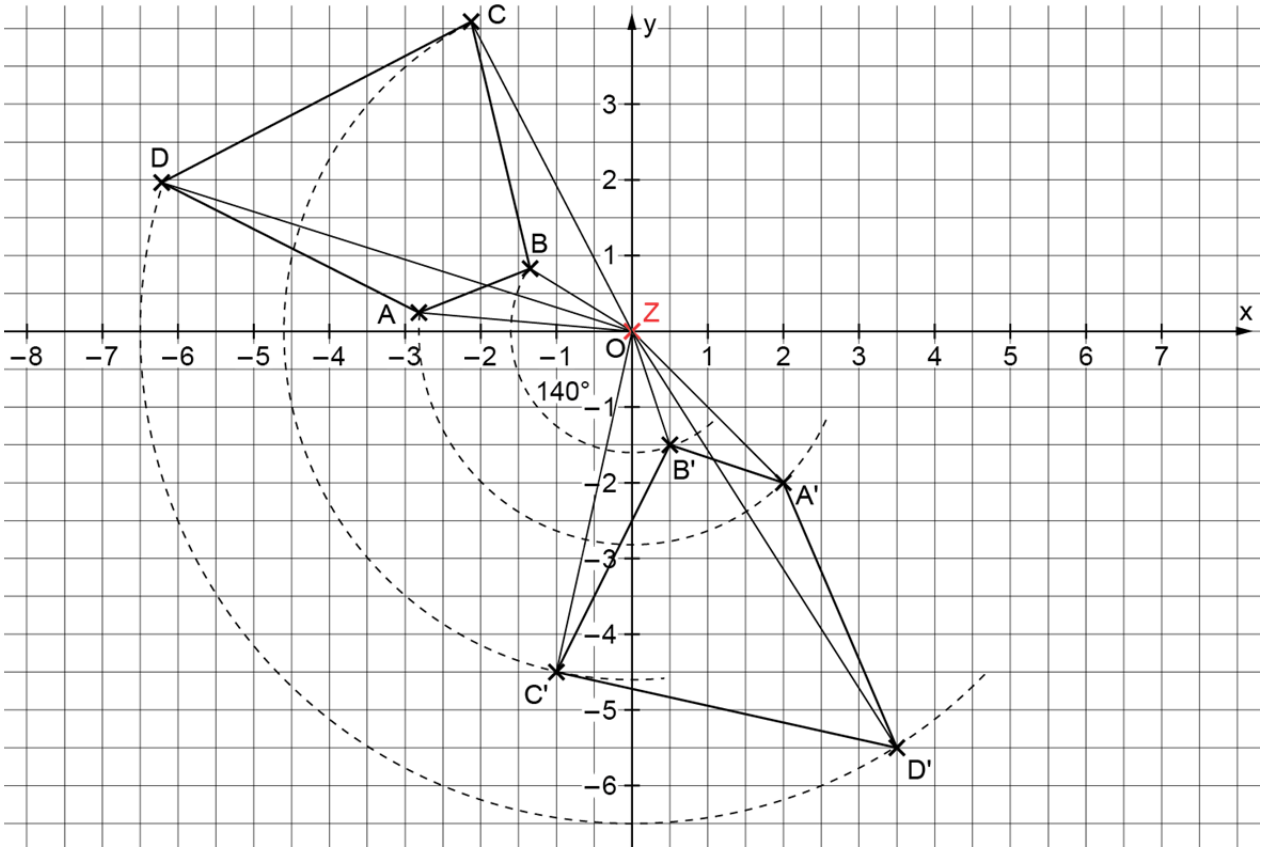


b) Spiegle das Dreieck an Z.



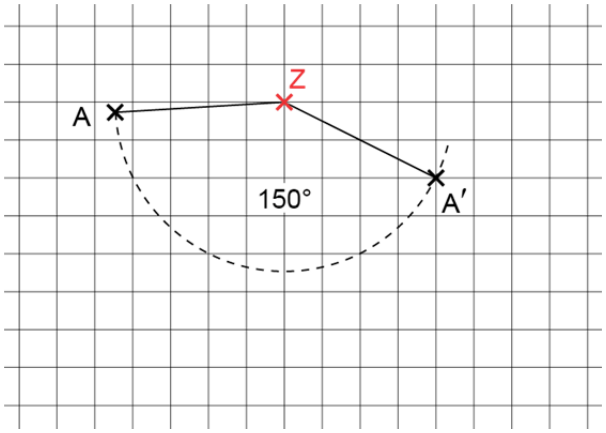
Drehung. Punktspiegelung – Lösung

1 $A'(2|-2)$; $B'(0{,}5|-1{,}5)$; $C'(-1|-4{,}5)$; $D'(3{,}5|-5{,}5)$

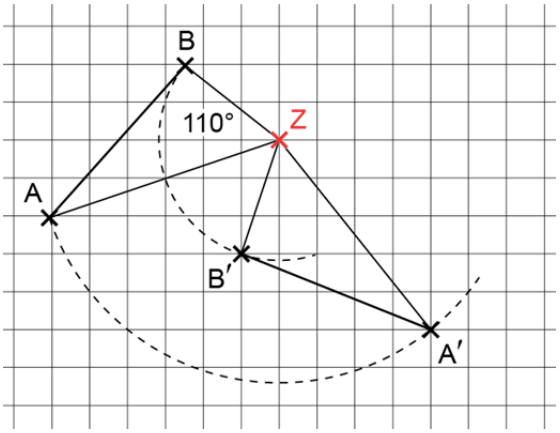


2

a)



b)

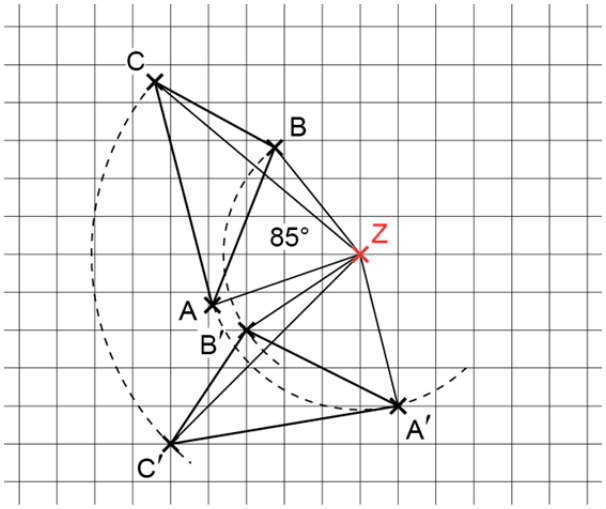


Geometrische Abbildungen | Fördern

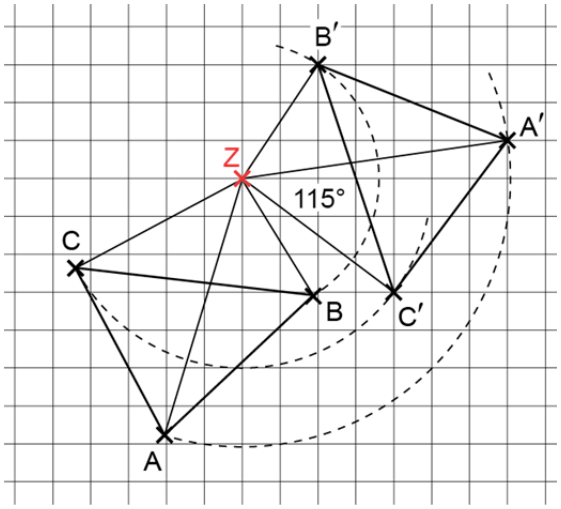
Drehung. Punktspiegelung – Lösung

3

a)

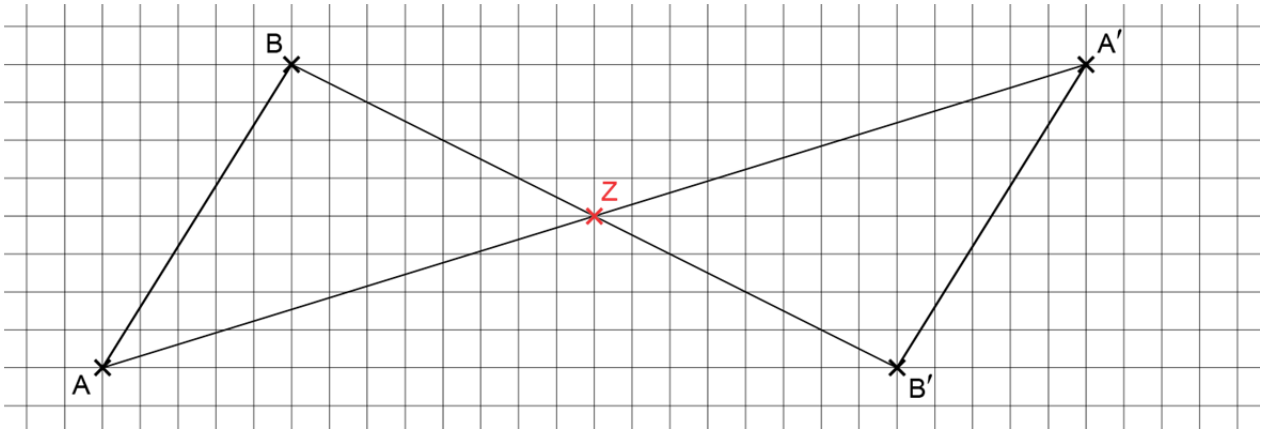


b)



4

a)



b)