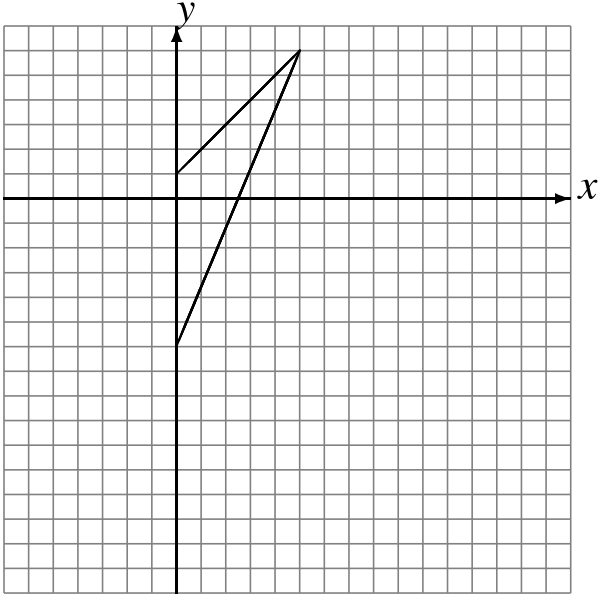


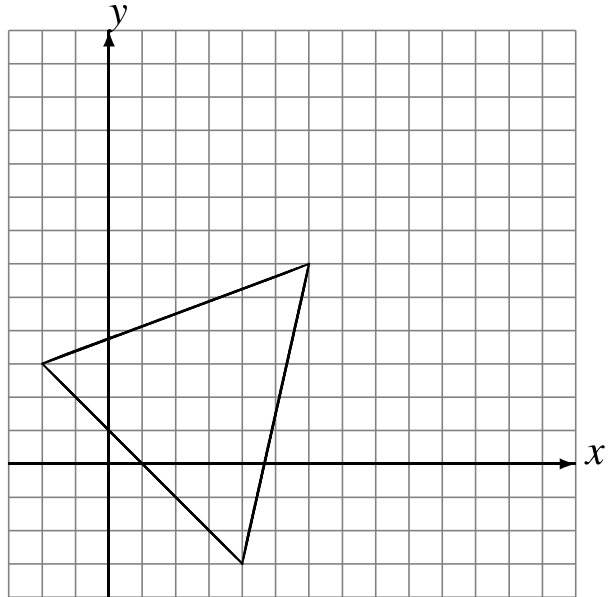
# Translations (A)

Draw the intermediate and translated images.

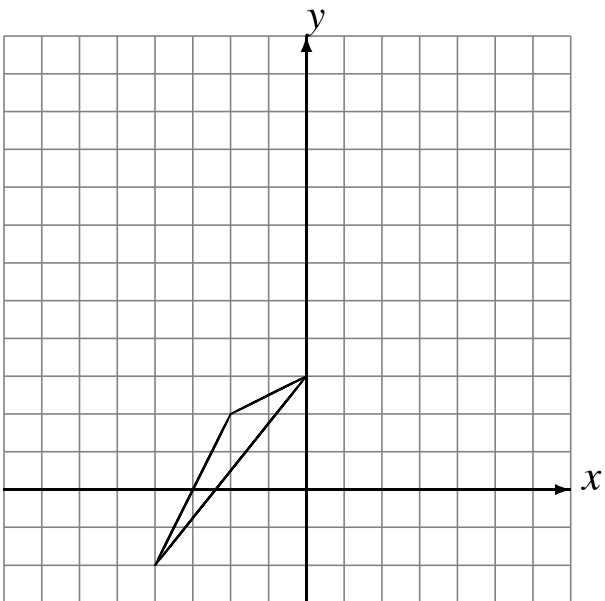
Translate by  $(1, -3)$ .  
Translate by  $(2, -6)$ .



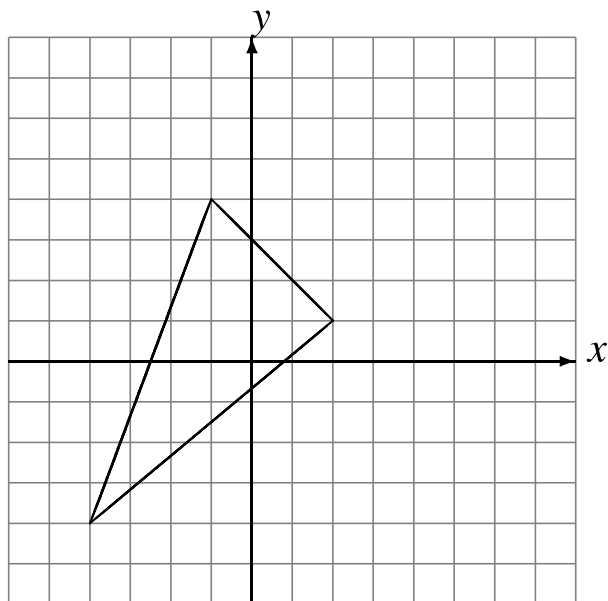
Translate by  $(6, 6)$ .  
Translate by  $(-5, -2)$ .



Translate by  $(2, 5)$ .  
Translate by  $(1, 3)$ .



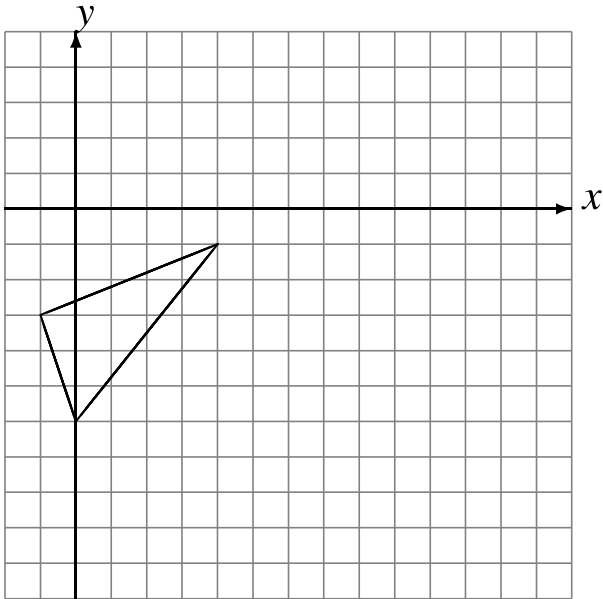
Translate by  $(-1, 2)$ .  
Translate by  $(6, -1)$ .



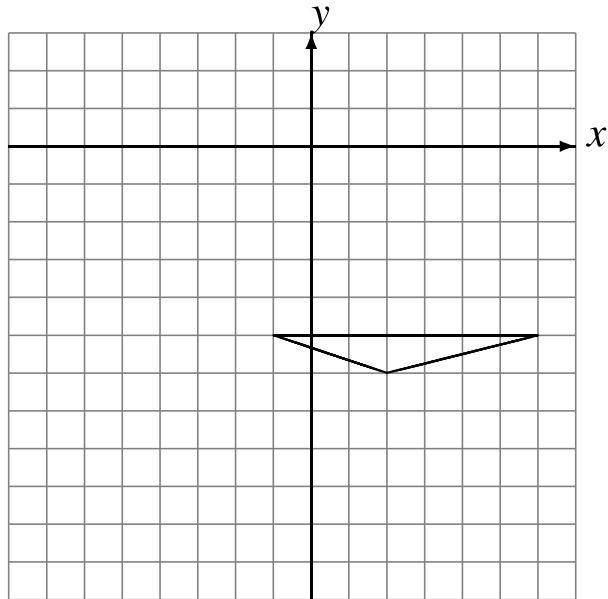
## Translations (B)

Draw the intermediate and translated images.

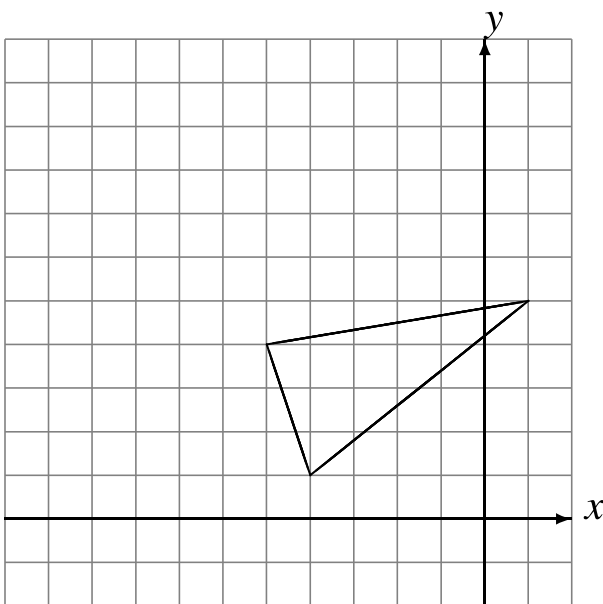
Translate by  $(6, -2)$ .  
Translate by  $(3, 5)$ .



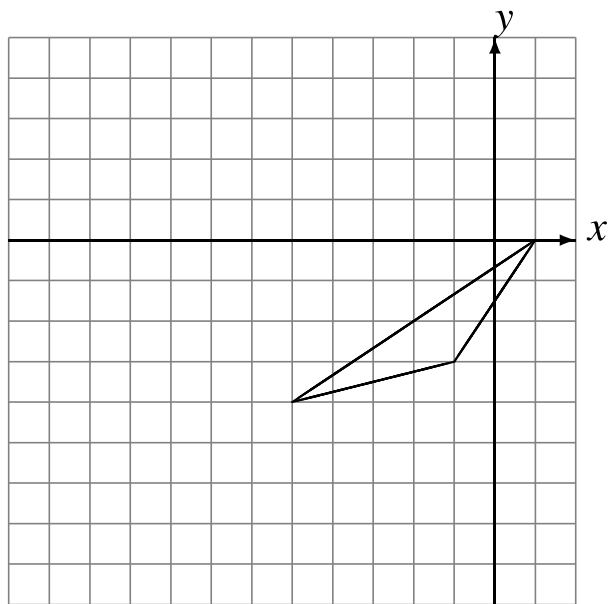
Translate by  $(-6, -4)$ .  
Translate by  $(6, 6)$ .



Translate by  $(-2, -2)$ .  
Translate by  $(-3, 6)$ .



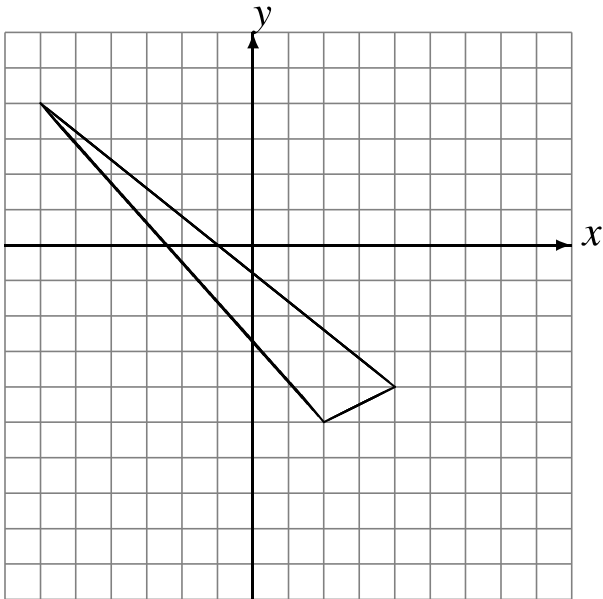
Translate by  $(-6, 1)$ .  
Translate by  $(5, -2)$ .



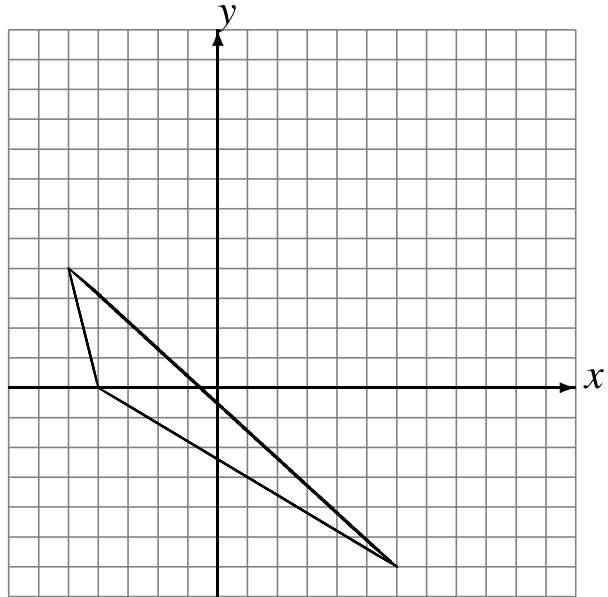
## Translations (C)

Draw the intermediate and translated images.

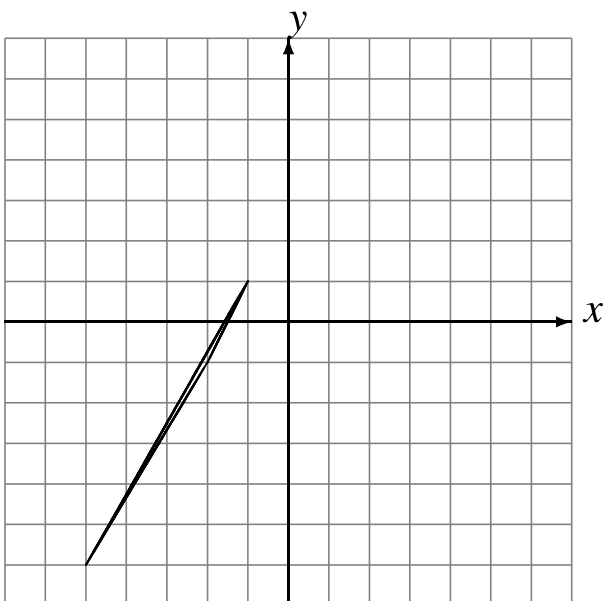
Translate by  $(4, -4)$ .  
Translate by  $(-3, 5)$ .



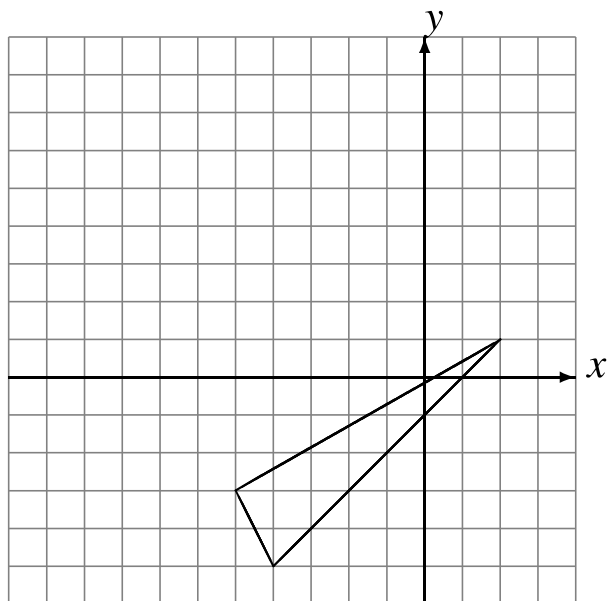
Translate by  $(4, 3)$ .  
Translate by  $(0, 4)$ .



Translate by  $(2, 5)$ .  
Translate by  $(3, -2)$ .



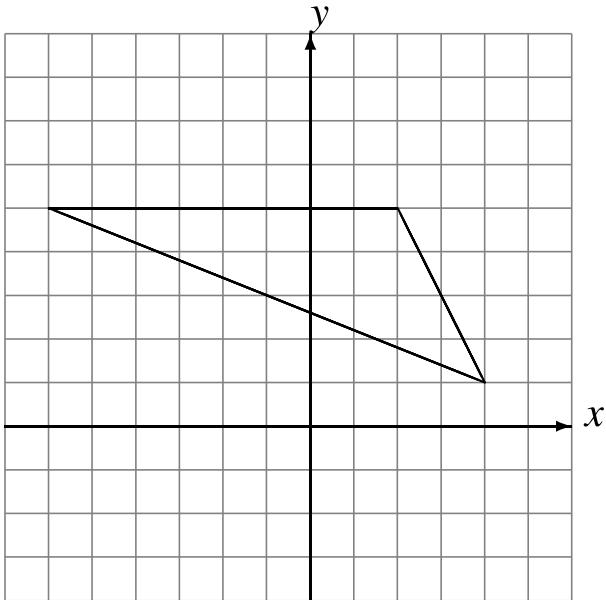
Translate by  $(-3, 5)$ .  
Translate by  $(-1, 2)$ .



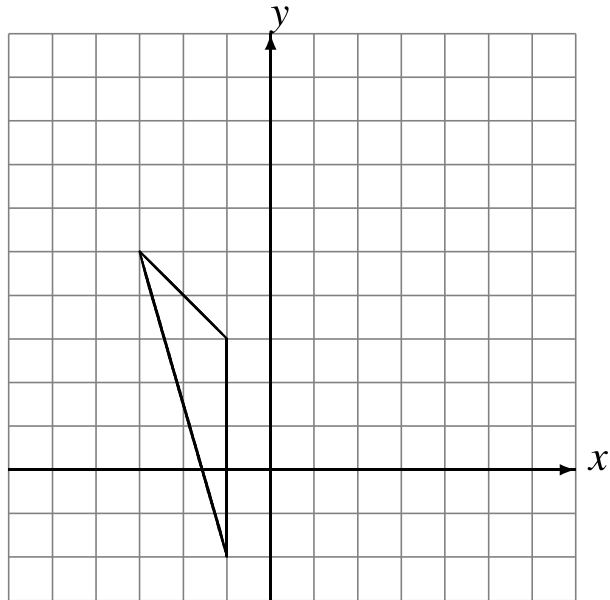
## Translations (D)

Draw the intermediate and translated images.

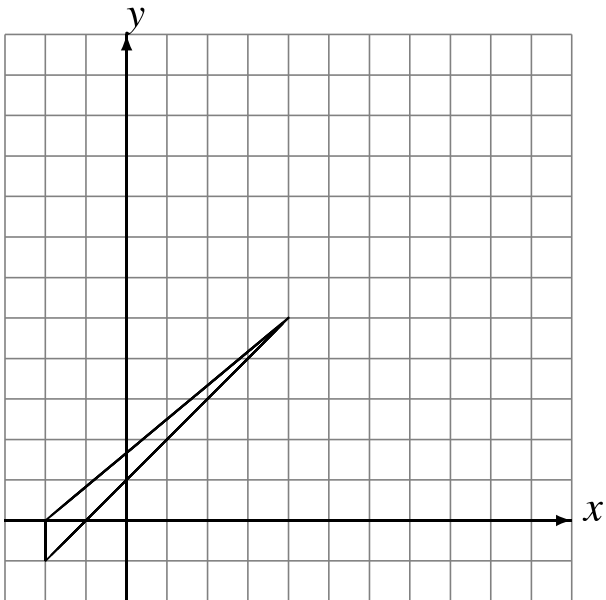
Translate by  $(1, 0)$ .  
Translate by  $(0, -2)$ .



Translate by  $(5, 4)$ .  
Translate by  $(-4, 0)$ .



Translate by  $(6, 3)$ .  
Translate by  $(-4, 3)$ .



Translate by  $(4, -6)$ .  
Translate by  $(1, 4)$ .

