1) Find the image of the following points under the given translation.

a) $A(2,-5), T = \begin{bmatrix} -3 \\ 0 \end{bmatrix}$

b) $B(10,25), T = \begin{bmatrix} 4 \\ -10 \end{bmatrix}$

2) The image of point N under translation $T = \begin{pmatrix} -3 \\ 4 \end{pmatrix}$ is

$N'(5,-2)$. Find the original point.

2. Find the image of the point $(3,2)$ after reflection with respect to the following reflected axes.

with respect to	(3,2)	Score
x–axis		
y–axis		
origin		
$x = 4$		
$y = -3$		
$R(4,12)$		
$y = x$		
$y = -x$		