

Match the Matrix A with a plot of $Y' = AY$

Here are four matrices A :

$$A_1 = \begin{bmatrix} 1 & 2 \\ -5 & -1 \end{bmatrix}$$

$$A_2 = \begin{bmatrix} 1 & -5 \\ 1 & -3 \end{bmatrix}$$

$$A_3 = \begin{bmatrix} 1 & 2 \\ -5 & 0 \end{bmatrix}$$

$$A_4 = \begin{bmatrix} -3 & -5 \\ -5 & -3 \end{bmatrix}$$

