1) 
$$A = \begin{pmatrix} 16 & 15 & 26 \\ 16 & 25 & -35 \end{pmatrix}$$
  $S_A = \begin{pmatrix} 16 \\ 10 \end{pmatrix}$   $M = C_A A G_A^T$ 
 $C = \begin{pmatrix} 15 & 16 \\ 16 & 16 \end{pmatrix}$   $S_A = \begin{pmatrix} 16 \\ 10 \end{pmatrix}$   $M = C_A A G_A^T$ 
 $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $S_A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$ 
 $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 15 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 15 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 15 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 & 16 \end{pmatrix}$   $A = \begin{pmatrix} 16 & 16 & 16 \\ 16 & 16 &$ 

$$C'(x) = \frac{-\sqrt{x^2 + x^2} - 13 \cdot 0 \cdot 00}{(x + x)^2} \times \frac{-x - 4 \cdot x - 6 \cdot x}{(x + x)^2} = \frac{-x - 4 \cdot x - 6 \cdot x}{(x + x)^2} = \frac{1}{(x + x)^2} \times \frac{1}{(x + x)^2$$