

$$x \rightarrow \frac{d}{z}$$

$$y \rightarrow \frac{d}{z} y, z \rightarrow z$$

$$A = (0, 0, -4), B = (6, 0, 0)$$

$$d = -1$$

$$a) C = \left(\frac{12}{5}, 0, -\frac{12}{5} \right)$$

$$D = \left(5, 0, -\frac{2}{3} \right)$$

$$C_x \rightarrow \frac{-dx}{dz} = \frac{-1}{-\frac{12}{5}} = \frac{5}{12}$$

$$C' = \left(\frac{5}{12}, 0, -\frac{12}{5} \right)$$

$$C_y \rightarrow \frac{dy}{dz} = 0$$

$$C_z \rightarrow \frac{dz}{dz} = -\frac{12}{5}$$

$$D_x \rightarrow \frac{-dx}{dz} = \frac{-5}{-\frac{2}{3}} = \frac{15}{2}$$

$$D' = \left(\frac{15}{2}, 0, -\frac{2}{3} \right)$$

$$D_y \rightarrow \frac{dy}{dz} = 0$$

$$D_z \rightarrow \frac{dz}{dz} = -\frac{2}{3}$$

b)

b)

