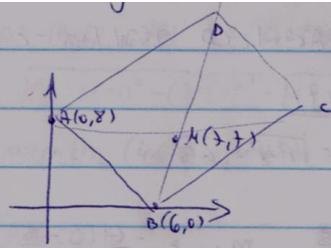


3.18
5



$$\begin{cases} |x=8| \\ D(8, -1) \end{cases}$$

$$\begin{cases} x = \frac{0x+6}{2} \rightarrow D_x = 8 \\ y = \frac{0y+0}{2} \rightarrow D_y = 14 \end{cases} \left. \vphantom{\begin{cases} x = \frac{0x+6}{2} \\ y = \frac{0y+0}{2} \end{cases}} \right\} D(8, 14)$$

$$\begin{cases} x = \frac{0+x}{2} \rightarrow C_x = 14 \\ y = \frac{8+y}{2} \rightarrow C_y = 6 \end{cases} \left. \vphantom{\begin{cases} x = \frac{0+x}{2} \\ y = \frac{8+y}{2} \end{cases}} \right\} C(14, 6)$$

$$m_{AD} = \frac{6}{8}, m_{AB} = -\frac{8}{6} \rightarrow m_{AD} \cdot m_{AB} = -1$$

AD ⊥ AB ← נכונות, כלים AD ⊥ AB (AD ⊥ AB)

$$R = AM = \sqrt{(x-0)^2 + (y-8)^2} = \sqrt{50} \quad \text{: מרחק מנקודה A לנקודה M}$$

$$(x-0)^2 + (y-8)^2 = 50$$

: מרחק מנקודה A