



$$CD = ?$$

Проведем $DH \perp CB$

$\Rightarrow DABH$ - прямоугольник

$$\Rightarrow HB = DA = 4 \quad DH = AB = 12$$

$$\Rightarrow CH = CB - HB = 9 - 4 = 5$$

$\triangle DCH$ - прямоугольный \Rightarrow

$$DC^2 = CH^2 + DH^2 = 5^2 + 12^2 = 169$$

$$DC = 13$$