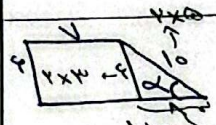
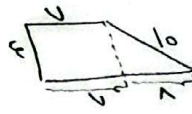
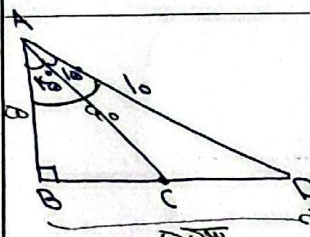
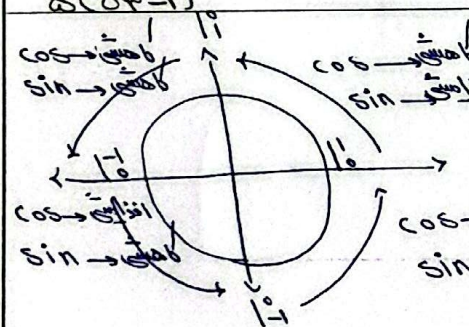


$\tan \theta = 2 \quad \frac{3 \sin \theta - \cos \theta}{\sin \theta - 2 \cos \theta} \text{ قابل } \rightarrow \frac{10 \cos \theta - \cos \theta}{10 \cos \theta - 2 \cos \theta} = \frac{1 \cos \theta}{\cos \theta}$ $\frac{\sin \theta}{\cos \theta} = 2$ $\sin \theta = 2 \cos \theta$	6
 $\sin \alpha = \frac{4}{5}$ $P_{\Delta} = P$ $\sin = \frac{\text{دائری}}{\text{مایل}}$ → $2 \times 4 = 8$ → $2 \times 3 = 6$	7 بل بار دیگہ دو ذائقہ ہاں میں نہیں...  $P_{\Delta} = 4 + 3 + 1 + 10 = 18$
 $DC = ?$ $\sin \theta = \frac{BC}{AC}$ $\sin = \frac{\text{مقابلہ}}{\text{مایل}}$ $\frac{4}{5} = \frac{x}{10}$ $\rightarrow x = \frac{10 \times 4}{5} = 8$ $BD = 8$	8 $\cos \theta = \frac{AB}{AC}$ $\cos = \frac{\text{جانب مجاور}}{\text{مایل}}$ $\frac{3}{5} = \frac{9}{10}$ $9 = \frac{3}{5} \times 10 = 6$ $AB = 6$ $\tan \theta = 1$ $\tan = \frac{\text{مقابلہ}}{\text{جانب مجاور}}$ $1 = \frac{4}{BC}$ $1 = \frac{4}{BC}$ $BC = 4$
 الف - نامی 3 ب - نامی 2	9
$\tan x = \frac{1}{9}$ $\tan^2 x + 1 = \frac{1}{\cos^2 x}$ $\frac{1}{9} + 1 = \frac{1}{\cos^2 x}$ $\frac{10}{9} = \frac{1}{\cos^2 x}$ $\cos^2 x = \frac{9}{10}$ $\rightarrow \cos x = \frac{3}{\sqrt{10}}$	10 $\sin^2 x + \cos^2 x = 1$ $\sin^2 x + \frac{9}{10} = 1$ $\sin^2 x = \frac{1}{10} \rightarrow \sin x = \frac{1}{\sqrt{10}} \times \frac{\sqrt{10}}{\sqrt{10}} = \frac{\sqrt{10}}{10}$