(25) a)  $\sin(\alpha+\beta)$   $\cos(\alpha+\beta)$   $\cos(\alpha+\beta)$   $\sin(\beta+1) = -\sqrt{1-(-3/5)^2} = \sqrt{4/25} = -4/5$   $\cos(\alpha+1) = -\sqrt{1-(-3/5)^2} = \sqrt{4/25} = -4/5$   $\cos(\alpha+1) = -3/5 = -4/5$  $\cos(\alpha+1) = -3/65 = -4/5$ 

b)  $\cos(\alpha + 8)$  -5/13.-3/5-12/13.-4/5 15/65 = 3/13+448/65 63/65

(29)  $\sin \theta = 1/5$ (29)  $\sin \theta = 1/5$ (29)  $\sin 2\theta = \sin(\theta + \theta)$ (20)  $\sin 2\theta = \sin(\theta + \theta)$ 

Sin(s+t) = tans+tant

cosScost

SinScost+sosSsint

cosScost

SinS + sint = tant + tans

cosS cost

tans+tant=tant+tans