

(1) $\sin(\alpha) = \cos(\beta) = 0.91$
 $\cos(\alpha) = \sin(\beta) = 0.42$
 $\tan(\alpha) = 2.17$
 $\tan(\beta) = 0.46$

(2) $\sin(\alpha) = \cos(\beta) = 0.77$
 $\cos(\alpha) = \sin(\beta) = 0.63$
 $\tan(\alpha) = 1.22$
 $\tan(\beta) = 0.82$

(3) $\sin(\alpha) = \cos(\beta) = 0.33$
 $\cos(\alpha) = \sin(\beta) = 0.94$
 $\tan(\alpha) = 0.35$
 $\tan(\beta) = 2.86$

(4) $\sin(\alpha) = \cos(\beta) = 0.77$
 $\cos(\alpha) = \sin(\beta) = 0.64$
 $\tan(\alpha) = 1.21$
 $\tan(\beta) = 0.83$

(5) $\sin(\alpha) = \cos(\beta) = 0.35$
 $\cos(\alpha) = \sin(\beta) = 0.94$
 $\tan(\alpha) = 0.37$
 $\tan(\beta) = 2.68$