

#3

$\vec{d}_1 = 5.00 \text{ km} @ 200^\circ$
 $+ \vec{d}_2 = 2.00 \text{ km} @ 290^\circ$
 $d_R = 5.4 \text{ km} @ 221.8^\circ$ TIP-TAIL

$\cos \theta = \frac{2}{5}$
 $\theta = 21.8^\circ$
 $d_R^2 = 2^2 + 5^2$
 $d_R = 5.4 \text{ km}$

Mar 20-10:54 AM