

**41** horizontal:  $\cos(-35^\circ) = \frac{v_1}{5} \Rightarrow v_1 = 5 \cos(-35^\circ) \approx 4.10$

vertical:  $\sin(-35^\circ) = \frac{v_2}{5} \Rightarrow v_2 = 5 \sin(-35^\circ) \approx -2.87$