Warm-up: Applications 3
Batman and Robin leave Pope HS at noon. Batman travels at a bearing of $\mathrm{N} 45^{\circ} \mathrm{E}$ at 5 mph and Robin travels at a bearing of $\mathrm{S} 50^{\circ} \mathrm{E}$ at 6 mph . How far apart are Batman and Robin at 4 pm that day?

Round to the nearest tenth.

