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Engineering Mechanics - Statics Chapter 2 Given: Fa = 30 lb ?1 = 80 deg ?2 = 60 deg Solution: Fa sin()?1 F sin 180 deg?? ?()?1 +?2 ?? = FFa sin 180 deg()??1 ??2 sin()?1 ? ? ? ? ? ? = F =19.6lb Fa sin()?1 Fb sin()?2 = Fb Fa sin()?2 sin()?1 = Fb =26.4lb Problem 2-13 A resultant force F is necessary to hold the ballon in place. Resolve this force into components

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