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|  | Problem 2.15  For the steel tank of Prob. 2.5, determine by trigonometry (*a*) the magnitude and direction of the smallest force **P** for which the resultant **R** of the two forces applied at *A* is vertical, (*b*) the corresponding magnitude of **R.** |

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| Solution  bee29230_s02-014  The smallest force *P* will be perpendicular to *R*.  (*a*)  **ArrowRight** ◄  (*b*)   ◄ |