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| --- | --- |
| bee87302_p02023.tif | **Problem 2.27**  Determine the resultant of the three forces of Problem 2.19.  **PROBLEM 2.19** Determine the *x* and *y* components of each of the forces shown. |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Solution**  Components of the forces were determined in Problem 2.19:   |  |  |  | | --- | --- | --- | | Force | *x* Comp. (N) | *y* Comp. (N) | | 80 N | 61.3 | 51.4 | | 120 N | 41.0 | 112.8 | | 150 N | –122.9 | 86.0 | |  |  |  |   bee29230_s02-032   angle 1  **** |