|  |  |
| --- | --- |
| bee87302_p02021.tif | **Problem 2.25**  Determine the resultant of the three forces of Problem 2.17.  **PROBLEM 2.17** Determine the *x* and *y* components of each of the forces shown. |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Solution**  Components of the forces were determined in Problem 2.17:   |  |  |  | | --- | --- | --- | | Force | *x* Comp. (lb) | *y* Comp. (lb) | | 29 lb | 21.0 | 20.0 | | 50 lb | –14.00 | 48.0 | | 51 lb | 24.0 | –45.0 | |  |  |  |   C:\Documents and Settings\Meenu kanta\Desktop\CH02\Solution\bee29230_s02-031.tif  angle 11  **** |