$\qquad$
Determine the x and y components of each of the force vectors below. Show work. Pay attention to when something should be negative. Make sure your calculator is in degrees. USE PENCIL!!!! Draw in the vectors for Fx and Fy on the diagram.


| 5. |  |
| :---: | :---: |
| 6. |  |
|  |  |
| 8. |  |

9. What is the Resultant Force (magnitude and direction) if you combined the answers from problems 1-8?

|  | Fx | Fy |
| :--- | :--- | :--- |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |
| Total |  |  |

