

# AP Physics C

## Chapter 3 Assignment

### Chapter 3 Assignment

#### *Reading*

3.1 – 3.4

#### CHAPTER 3 PROBLEMS:

3.1 1, 4

3.3 7, 10, 14

3.4 15, 21, 23, 24, 25, 31, 34, 45

#### SOLUTIONS TO EVEN NUMBERED PROBLEMS:

P3.4 (a) (2.17, 1.25) m, (−1.90, 3.29) m; (b) 4.55m

P3.10 9.5 N, 57° above the  $x$  axis

P3.14 310 km at 57° S of W

P3.24 788 miles at 48.0° northeast of Dallas

P3.34 59.2° with the  $x$  axis, 39.8° with the  $y$  axis, 67.4° with the  $z$  axis

