3.3-3.4 Review Answer Key

1) $EF = 25$
2) $MP = 39.5$
3) $WZ = 9.265$
4) $HI = 32$
5) 12.6 ft
6) 6 in by 4 in
7) p = 93.5 in, A = 136 in^2
8) p = 140 in, A = 108 in^2
9) $x = 6$ in, A = 32 in^2
10) $x = 9$ in, p = 36 in
11)   12 bags
12)   325 in^2
13)   product = 143
14)   sum = 62
15)
    a. $P'(8,8), P''(2,2)$
    b. $P'(14,28), P''(-14,28)$
16) $P'(1,-7)\ Q'(-8,-4)\ R'(10,2),\ P''(-7,-1)\ Q''(-4,8)\ R''(2,-10)$
17) $P'(-1,-3)\ Q'^{(2,-4)}R'(-4,-6),\ P''(-2,-6)\ Q''(4,-8)\ R''(-8,-12)$
18)   sum = -4.5
19)   sum = 7
20)   sum = -6
21)   sum = -1