Polynomial Word Problem Worksheet Answers

1. 20, -20
2. 6 in by 6 in
3. 40 ft by 40 ft
4. 30 ft by 60 ft
5. $3.50
6. V = x(10 – 2x)(8 – 2x)
7. 5cm by 12cm by 2 cm (use graphing calc to find x-intercepts)
8. 5 in by 5 in by 8 in (use graphing calc to solve)
9. 2.5 by 4.5 by 1.25 (use graphing calc to solve)
10. a. 60 ft b. 64 ft c. 4 sec