## Algebra II

7-2
Word Problems

1) Each side of a square it 4 m long. When each side is increased by $x \mathrm{~m}$, the area is doubled. Find the value of $x$.
2) A walkway of uniform width has area $72 \mathrm{~m}^{2}$ and surrounds a swimming pool that is 8 m wide and 10 m long. Find the width of the walkway.

Assignment:
Pg. 314
2-14 even

