1. 4.0×10^9

2. graph C

3. $18a^2 - 12a$

4. $x = -7, 3$

5. $m = -\dfrac{4}{3}; (0,4)$

6. after 5 summers

7. None of the above   (0,-3); (5,0)

8. $f(x) = -\dfrac{3}{2}x + 2$

9. $y = -\dfrac{1}{2}x + 7$

10. $12,500

11. 12

12. -5/4

13. There is no solution.

14. $2W + 2L = 520$
    $W = L - 32$

15. $b = 3$