3.1 1, 2, 3, 4, 5, 8, 14, 17, 31, 35, 36

1. $26 \times 26 \times 10 \times 10 = 67600$

2. $5 \times 5 = 25$? ~~$5! = 125$?~~

3. $4^2 = 16$

4. $4 \cdot 5 \cdot 3 \cdot 2 = 120$

5. $6^4 = 1296$

8. a) $_4P_4 = 24$ b) $_6P_6 = 720$ c) $_7P_2 = 42$

14. $_7P_3 = 210$

17. a) $_{12}P_{12} = 479001600$
    ?? b) 1036800

31. $(10 \cdot 2 \cdot 10) - (10 \cdot 1 \cdot 1) = 190$

35. a) $3 \cdot 4 + 2 = 14$
    ? b) $4 \cdot 2 + 3 = 11$

36. a) $3 \cdot 3 \cdot 4 \cdot 4 + 4 = 148$
    ? b) $4 \cdot 2 \cdot 3 = 32$