Using Recursive Formulas - Answer Key

1. $4,\ 12,\ 36,\ 108,\ 324,\ 972$
2. $96,\ 48,\ 24,\ 12,\ 6,\ 3$
3. $7,\ 14,\ 28,\ 56,\ 112$
4. $125,\ 25,\ 5,\ 1,\ \frac{1}{5}$
5. $6,\ -12,\ 24,\ -48,\ 96,\ -192$
6. $80,\ -40,\ 20,\ -10,\ 5,\ -\frac{5}{2}$
7. $3,\ 12,\ 48,\ 192,\ 768$
8. $54,\ 18,\ 6,\ 2,\ \frac{2}{3}$
9. $5,\ \frac{10}{3},\ \frac{20}{9},\ \frac{40}{27},\ \frac{80}{81}$
10. $2,\ 10,\ 50,\ 250$
11. $100,\ 30,\ 9,\ \frac{27}{10}$
12. $12,\ -4,\ \frac{4}{3},\ -\frac{4}{9},\ \frac{4}{27}$