5. 3, 4, 5, 6, 7, 8	
7. 1, 4, 9, 16, 25, 36	
9. 1, 4, 16, 64, 256, 1024	(
	 arithmetic; The common difference is -6.
11. -4, -1, 4, 11, 20, 31	
	not arithmetic; The differences are not constant.
15. arithmetic; $a_5 = 5(5) - 4 = 21; a_n = 5n - 4$	
	8. not arithmetic; The differences are not constant.
16. geometric; $a_5 = 2^4 = 16$; $a_n = 2^{n-1}$	
	10. arithmetic; The common difference is $\frac{1}{3}$.
20. $-4(1), 4(2), -4(3), 4(4); a_5 = -4(5) = -20; a_n = (-1)^n 4n$	
	14. $a_n = 5n + 2;102$
21. arithmetic; $a_s = \frac{1}{4}(5) = \frac{5}{4}; a_s = \frac{n}{4}$	16. $a_n = -7n + 93; -47$
23. $\frac{2}{3(1)}, \frac{2}{3(2)}, \frac{2}{3(3)}, \frac{2}{3(4)}; a_5 = \frac{2}{3(5)} = \frac{2}{15}; a_n = \frac{2}{3n}$	18. $a_n = \frac{3}{4}n - \frac{11}{4}; \frac{49}{4}$