

**SOLUCIONES - PROGRESIONES ARITMÉTICAS Y GEOMÉTRICAS**

1. 17 m, 26 m, 35 m	18. $a_n = \frac{2n^2 + n - 2}{n}$ $S_n = \frac{2n^2 + n - 3}{2}$
2. 80°, 96°, 112°, 128°, 144°, 160°	19. 225, 90, 36,... $S = 375$
3. $A = 8 \text{ m}^2$	20. $n = 13$
4. $S_{10} = 6138$	21. 73/99
5. 1, 4, 7, 10	22. 32729/9990
6. $S = 25075$	23. $d = 1/3$
7. $a_1 = -297$; $a_{25} = -225$	24. 918 monedas
8. $r = 2$	25. 5, 20, 80, 320
9. $r = a$; $a_6 = a^6$	26. 2, 6, 10
10. $r = 3$; $a_1 = 1/2$	27. 3, 12, 48 / 36, -54, 81
11. 32, 37, 42	28. 12, 36, 60, 84, 108
12. 23, 69, 207	29. 3, 9, 27, 81
13. 9, 11, 13	30. -2, 6, -18
14. 16, 48, 144	31. -3, 2, 7 / 7, 2, -3
15. 10, 20, 40	32. 2413/99
16. 9, 12, 15	33. 5, 10, 20 / 20, 10, 5
17. $n = 9$; $a_5 = 15$	