

Alg. II - Chapter 11 TEST REVIEW
Answer Section

SHORT ANSWER

1. Add 6; 32, 38, 44.
2. Multiply by 2; 32, 64, 128.
3. Divide by 2.5; 19.2, 7.68, 3.072
4. $a_n = a_{n-1} + 2$, where $a_1 = 5$; 15
5. $a_n = -4n + 8$; -48
6. $a_n = 18n$
7. 16 Feet
8. $\sum_{n=1}^{11} (48 + 2n)$
9. 5 terms
10. 5, 11
11. 312
12. 24
13. 162 baskets
14. explicit; 0, -4, -12, -24, -40
15. yes, 3
16. no
17. -333
18. 27
19. yes, -3
20. no
21. $a_n = -2 \cdot (2)^{n-1}$; -32
22. ; 0.972
23. 90
24. 1230
25. 1996.09
26. It converges; it has a sum.
27. It diverges; it does not have a sum.
28.
 - a. Divide the previous term by -2.
 - b. $-\frac{5}{2}, \frac{5}{4}, -\frac{5}{8}$