Sean Reilly

Assignment: Section **2.4**: 4, 29 (show work), 31 (show work), 32, 34, 36, 40 (7th edition)

4.

a) -8

b) 3

c) 71

d) 0

29.

a) 1 + 2 + 3 + 4 + 5 + 5 *·* 1 = 20

b) 1 + (*−*2) + 4 + (*−*8) + 16 = 11

c) 10 *·* 3 = 30

d) (2^9 *–* 2^0) / ( 2 *–* 1) = 511 / 1 = 511

31.

a) 3 x (2^9 – 2^0) / (2 – 1) = 3 x (511 / 1) = 1533

b) (2^9 – 2^0) / (2 – 1) – (2^1 – 2^0) / (2 – 1) = 511 – 1 = 510

c) ((-3)^9 – (-3)^0) / (-3 – 1) – ((-3)^2 – (-3)^0 / (-3 – 1) = 923

d) ((-3)^9 – (-3)^0) / (-3 – 1) x 2 = 4921 x 2 = 9842

32.

a) 10

b) 9330

c) 21215

d) 511

34.

a) 3

b) 78

c) 9

d) 180

36. 1 – 1 / n + 1 = n / n + 1

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