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28. 24

31. a) -24˚F b) -75˚F c) -51˚F d) -31.5˚F

33. 8

35. 81

36. -81

38. -5

50. $-28\frac{1}{2}$

51. 0

54. $1\frac{1}{3}$

63. -6

66. $\frac{1}{5}$

68. *b – a + c*

72. a) 31cents b) 3 people

83. a) 139 ft; 91 ft b) Less than 4 s; for t = 4, h = 155 – 16t^2 = -101, so

h = 0 for some value less than 4 (about 3.1)

84. D

90. $-\frac{1}{64}$

99. H