

Name _____ Period _____

Evaluate the sum.

57. $\sum_{k=1}^4 3$

58. $\sum_{k=1}^4 2$

59. $\sum_{j=1}^6 4j$

60. $\sum_{k=1}^7 3k$

61. $\sum_{m=1}^3 (5m + 4)$

62. $\sum_{n=1}^4 (2n + 3)$

63. $\sum_{k=1}^3 (4k + 5)$

64. $\sum_{m=1}^5 (2m^2 + 3m + 2)$

65. $\sum_{j=1}^4 (4j^2 + 4j + 1)$

66. $\sum_{m=1}^4 (-5m^2 + 2m + 4)$

67. $\sum_{n=1}^4 (3 - n)^2$

68. $\sum_{k=1}^6 (k + 2)^2$

69. $\sum_{n=1}^3 \left(-\frac{2}{3}n^2 + \frac{1}{2}n + \frac{5}{7}\right)$

70. $\sum_{j=1}^6 \left(\frac{1}{3}j^2 + \frac{1}{5}j + 2\right)$

71. $\sum_{m=1}^4 (\pi m^2 + 2\pi m + 2)$

72. $\sum_{n=1}^6 (\pi n^2 + \pi n + 4)$

73. $\sum_{k=1}^5 (0.7k^2 + 1.3k + 2)$

74. $\sum_{j=1}^5 (8.7j^2 + 8.6j + 7.5)$