

ARITHMETIC SEQUENCES

USE THE FOLLOWING INFORMATION ABOUT ARITHMETIC SEQUENCES TO COMPLETE:

1. $a_1 = 2, a_2 = 5, a_{45} = \underline{\hspace{2cm}}$
2. $a_1 = 18, a_2 = 14, a_{51} = \underline{\hspace{2cm}}$
3. $a_1 = 1/3, a_2 = 1, a_{17} = \underline{\hspace{2cm}}$
4. $a_1 = 8, a_2 = 11, a_{64} = \underline{\hspace{2cm}}$
5. $a_1 = 5, d = 3, a_n = 101, n = \underline{\hspace{2cm}}$
6. $a_1 = 88, d = -5, a_n = 13, n = \underline{\hspace{2cm}}$
7. $a_1 = 7, d = 4, a_n = 11, n = \underline{\hspace{2cm}}$
8. $a_1 = 57, d = -3, a_n = 0, n = \underline{\hspace{2cm}}$

ARITHMETIC MEANS (Missing terms of an arithmetic sequence):

1. $42, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 70$
2. $-107, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, -86$
3. $23, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, -31$
4. $-143, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, -215$
5. $53, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 75$
6. $123, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 55$
7. $47, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, -11$