Name : _____

Arithmetic Sequence - MCQ

1) Which of the following is an arithmetic sequence?

   a) $\dfrac{8}{3}, -\dfrac{4}{3}, \dfrac{2}{3}, -\dfrac{1}{3}, \dfrac{1}{6}, \ldots$ b) 541, 533, 525, 517, …   c) −14, −23, −31, −38, …

2) Which of the following is not an arithmetic sequence?

   a) −31, −132, −23.   2.3, 4.4, 8.6, 14.9, …

3) Which of the foll   ession?

   a) $-\dfrac{19}{2}, -\dfrac{59}{6}, -\dfrac{61}{6},$ $\sqrt{2}, \sqrt{12}, \sqrt{22}, \sqrt{32}, \ldots$

4) Which of the foll   rogression?

   a) 4.5, 6.2, 7.9, 9.6   −13, −26, −52, −104, …

5) Which of the foll   ession?

   a) 0.1, 1.3, 16.9, 2   −23, −40, −74, −142, …

6) Which of the following is an arithmetic sequence?

   a) 2.5, 5.5, 8.5, 11.5, …   b) $-\dfrac{7}{8}, -\dfrac{23}{8}, -\dfrac{55}{8}, -\dfrac{103}{8}, \ldots$ c) 5.6, 8.7, 11.9, 15.2, …

7) Which of the following is not an arithmetic sequence?

   a) 609, 620, 631, 642, …   b) −34, −9, 16, 41, 66, …   c) 1.2, 3.6, 10.8, 32.4, …