## Arithmetic Sequence

Find the next three terms of each arithmetic sequence.

1)  −38, −57, −76, −95, −114, …

2)  $5, \dfrac{13}{2}, 8, \dfrac{19}{2}, 11, …$

_____                    _____

3)  $-\dfrac{1}{2}, -\dfrac{1}{10}, \dfrac{3}{10}, \dfrac{7}{1…}$

, $-\sqrt{7}, 0, \sqrt{7}, …$

_____                    _____

5)  133, 153, 173,

-4.8, −8.7, …

_____                    _____

7)  14, 8, 2, −4, −10

9, 37.2, 46.5, …

_____                    _____

9)  Fred made a se                                    up 21 blocks for
tower one, 27 blocks for tower two, 33 blocks to build tower three and so on in an
arithmetic progression. How many blocks did he use for each of the next
three towers that he built?

_____

10)  Joe drew a series of concentric circles. He used 3 cm as radius to draw the first
circle. The radii for the successive circles were 12 cm, 21 cm and so on in an
arithmetic sequence. Determine the radii for each of the subsequent three
circles.

_____