I 　　　　[　] (2008/05/08)

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Q.1

$(8, -5, 8),\quad \begin{pmatrix} -5 \\ 5 \\ -6 \end{pmatrix}$

Q.2

$(-4, 4, -6),\quad \begin{pmatrix} -7 \\ 4 \\ 2 \end{pmatrix}$

Q.3

$(9, -5, 4),\quad \begin{pmatrix} 9 \\ 2 \\ -6 \end{pmatrix}$

Q.4

$(-3, 3, 9),\quad \begin{pmatrix} 8 \\ -5 \\ -2 \end{pmatrix}$

Q.5

$(1, -7, -7),\quad \begin{pmatrix} 6 \\ -6 \\ 1 \end{pmatrix}$

Q.6

$(5, -8, 8),\quad \begin{pmatrix} 4 \\ 1 \\ 1 \end{pmatrix}$

Q.7

$(-1, 6, -9),\quad \begin{pmatrix} 9 \\ 5 \\ 3 \end{pmatrix}$

Q.8

$(6, -3, -3),\quad \begin{pmatrix} -4 \\ -9 \\ 9 \end{pmatrix}$

Q.9

$(8, 4, -4),\quad \begin{pmatrix} 3 \\ -9 \\ 8 \end{pmatrix}$

Q.10

$(-5, -1, -7),\quad \begin{pmatrix} 7 \\ -6 \\ 3 \end{pmatrix}$

Q.11

$(9, -2, 0),\quad \begin{pmatrix} -6 \\ -3 \\ -2 \end{pmatrix}$

Q.12

$(-2, 2, 5),\quad \begin{pmatrix} -9 \\ -4 \\ 2 \end{pmatrix}$

Q.13

$(3, 7, 7),\quad \begin{pmatrix} -5 \\ 2 \\ 9 \end{pmatrix}$

A.1

$$5x - 5y + 6z = 113$$

A.2

$$7x - 4y - 2z = -32$$

A.3

$$9x + 2y - 6z = 47$$

A.4

$$8x - 5y - 2z = -57$$

A.5

$$6x - 6y + z = 41$$

A.6

$$4x + y + z = 20$$

A.7

$$9x + 5y + 3z = -6$$

A.8

$$4x + 9y - 9z = 24$$

A.9

$$3x - 9y + 8z = -44$$

A.10

$$7x - 6y + 3z = -50$$

A.11

$$6x + 3y + 2z = 48$$

A.12

$$9x + 4y - 2z = -20$$

A.13

$$5x - 2y - 9z = -62$$