

**Solve each system by elimination.**

$$\begin{aligned} 1) \quad & -x - 5y - 5z = 2 \\ & 4x - 5y + 4z = 19 \\ & x + 5y - z = -20 \end{aligned}$$

$$\begin{aligned} 2) \quad & -4x - 5y - z = 18 \\ & -2x - 5y - 2z = 12 \\ & -2x + 5y + 2z = 4 \end{aligned}$$

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**Answers:**

1)  $(-2, -3, 3)$

2)  $(-4, 0, -2)$