

Solve Systems in 3 Variables

Solve each system by elimination.

1) $6x - y + 4z = -24$
 $3x + 5y - 3z = -12$
 $-5x + 5y - 6z = 20$

2) $4a - b - c = -13$
 $6a - 2b - 4c = -24$
 $-3a - 5b - 6c = 2$

3) $4a + 5b + c = 6$
 $6a + 4b - 4c = -18$
 $4a + 2b - 3c = -15$

4) $x - y + 3z = -1$
 $3x - 2y + 2z = 8$
 $-6x - 2y + 6z = -18$

Answers to Solve Systems in 3 Variables (ID: 1)

1) $(-4, 0, 0)$

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

3) $(-3, 3, 3)$

4) $(2, -3, -2)$