14-06-03-T7

Solve each system by elimination.

1) $-3y = 5x - 16$
$6x - 36 = -12y$

2) $0 = -10 + 5y - 5x$
$-3y + 8 = -4x$

3) $6y - 6 + 18x = 0$
$\frac{14}{5} - \frac{4}{5}x = -y$

4) $-6 - 2y + 4x = 0$
$9x + 9y = -54$

5) $-\frac{2}{3}y + \frac{8}{3} = x$
$0 = 5 + 5y - 5x$

6) $-4y + 9 = -3x$
$13 - 6y = -5x$

7) $6y + 2x = 14$
$3x + 4y - 6 = 0$

8) $4x = -3y$
$2y = -5x - 7$

Answers to 14-06-03-T7

1) $(2, 2)$
2) $(-2, 0)$
3) $(1, -2)$
4) $(-1, -5)$
5) $(2, 1)$
6) $(1, 3)$
7) $(-2, 3)$
8) $(-3, 4)$