Augmented Matrices … Set 1

Use the Augmented Matrix to solve the systems

Solve each system by elimination.

1) $3x + 2y = 0$
$10x + 3y = 22$

2) $-8x + 9y = 16$
$-9x - 2y = 18$

3) $-5x - 5y = -20$
$2x + 9y = -6$

4) $10x - 6y = 20$
$-8x - 8y = -16$

Augmented Matrices … Set 1

Answers

Answers to Use the Augmented Matrix to solve the systems

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

Augmented Matrices … Set 1

5) $-9x + 3y = -30$
$7x - 4y = 20$

6) $6x + 3y = 24$
$-4x - 7y = -26$

7) $5x - 4y = -15$
$-7x + 5y = 18$

8) $7x - 10y = 21$
$2x - 3y = 6$

Augmented Matrices … Set 1

Answers

Answers to Use the Augmented Matrix to solve the systems

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