Systems of Equations

Solve the following using **Substitution.** You must show work.

1. Y= -5

5x + 4y = -20

1. 4x + 2y = 10

x - y = 13

1. Y= 4x – 9

Y = x – 3

Solve using **Elimination**. Show work

1. 8x – 6y = -20

-16x + 7y = 30

1. -11x – 4y = 36

-10x -10y = 20

1. 6x – 12y = 24

-x - 6y = 4

Solve using **either method**. Show work

1. 6x – 2y = -6

7x + 4y = 8

1. -6x – 9y = 0

-24x = 36y

1. X + 8y = -15

7x + 8y = -9

1. -9x – 3y = -2

Y= -3x - 4