

## Problem A

$$5x + 9y = 112$$

$$3x - 2y = 8$$

## Problem B

$$6x + 3y = 27$$

$$-4x + 7y = 27$$

## Problem C

$$y = 5x + 5$$

$$y = 15x - 1$$

## Problem D: **NEW**

You purchase 8 gal of paint and 3 brushes for \$152.50. The next day, you purchase 6 gal of paint and 2 brushes for \$113.00. How much does each gallon of paint and each brush cost?