

Siobhan Appled
ACHA3000

1901059

31/1/20

15.18

$$5.2 \quad 5x + 3y = 39 \quad (1)$$

$$3 \quad 8x - 2y = 42 \quad (2)$$

$$13x = 156$$

$$10x + 6y = 78 \quad (3)$$

$$24x - 6y = 126 \quad (4)$$

$$34x = 204$$

$$x = \frac{204}{34}$$

$$x = 6$$

$$5(6) + 3y = 39$$

$$30 + 3y = 39$$

$$3y = 39 - 30$$

$$3y = 9$$

$$y = \frac{9}{3}$$

$$y = 3$$