**Solving Linear Simultaneous Equations by Substitution**

(a) Solve $4x-y=17$

$$ x=y+2 $$

(b) Solve $2x+y=6$

$$ y=4x+3$$

(c) Solve $3x+7y=13$

 $y=x-11$

(a) Solve $4x-3y=7$

$$3y=x+5$$

(b) Solve $y+1=3x$

 $2x-3y=24$

(c) Solve $3x+5y=29$

 $y+11=5x$

(a) Solve $4x+6y=74$

 $11-y=2x$

(b) Solve $y-8=6x$

 $4x+5y+28=0$

(c) Solve $8-x=3y$

 $10-3x=5y$

(a) Given that $7x=2y+34$ and $3x+5y+3=0$, find the value of $x^{2}+y^{2}$

(b) Solve $\frac{3x+1}{2}=y$

 $5y-4x=13$

(c) Find the coordinates of intersection of the straight lines with equations

$$y=3x-2$$

$$x+3y=19$$

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