


Show ALL work! Use separate paper

10. $5x - y = 20$
 $+ -3x + y = 12$

$\frac{2x}{2} = \frac{32}{2}$
 $x = 16$

$-3(16) + y = 12$
 $-48 + y = 12$
 $+48 \quad +48$
 $y = 60$

Solution: $x = 16$ $y = 60$

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$16 \cdot 3x - 5y = 6$
 $-3 \cdot 2x - 4y = 4$

$6x - 10y = 12$
 $-6x + 12y = -12$

$\frac{2y}{2} = \frac{0}{2}$
 $y = 0$

$3x - 5(0) = 6$
 $\frac{3x}{3} = \frac{6}{3}$ $x = 2$

Solution: $x = 2$ $y = 0$

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18. $2x + 6y = 14$
 $2 \cdot \frac{1}{2}x - 3y = 8$

$2x + 6y = 14$
 $1x - 6y = 16$
 $3x = 30$
 $x = 10$

$2(10) + 6y = 14$
 $20 + 6y = 14$
 -20
 $6y = -6$
 $y = -1$

olution: $x = 10$ $y = -1$

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Ove 1/29 HW

All #'s

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