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Solving Systems by Substitution

Practice Worksheet A

1 Practice Problems

Solve each system by using the Substitution Method.

1) $3x - y = 7$
 $y = 2x + 2$

3) $-x + 3y = 3$
 $x - 2y = 8$

2) $x = -y + 4$
 $2x - 3y = 18$

4) $3x + 5y = -2$
 $2x - y = 3$

Solving Systems by Substitution

Practice Worksheet A

1 Practice Problems

Solve each system by using the Substitution Method.

1) $3x - y = 7$
 $y = 2x + 2$

$x = 9$
 $y = 20$
 $(9, 20)$

3) $-x + 3y = 3$
 $x - 2y = 8$

$x = 30$
 $y = 11$
 $(30, 11)$

2) $x = -y + 4$
 $2x - 3y = 18$

$x = 6$
 $y = -2$
 $(6, -2)$

4) $3x + 5y = -2$
 $2x - y = 3$

$x = 1$
 $y = -1$
 $(1, -1)$