Simple Algebraic Equations

Solve for the x or y.

Set #1D

$2 + x = 6$
$x =$

$y - 2 = 1$
$y =$

$9 * y = 72$
$y =$

$4 + x = 11$
$x =$

$4 + x = 8$
$x =$

$x - 2 = 7$
$x =$

$y - 2 = 0$
$y =$

$x - 1 = 6$
$x =$

$x - 3 = 1$
$x =$

$y - 7 = -3$
$y =$

$7 * x = 56$
$x =$

$7 + x = 14$
$x =$

$y - 4 = 5$
$y =$

$x - 5 = 1$
$x =$

$x - 7 = 2$
$x =$

$x - 9 = -6$
$x =$

$7 + y = 16$
$y =$

$3 * x = 24$
$x =$

$y - 3 = 6$
$y =$

$y - 4 = -3$
$y =$

Simple Algebraic Equations

Set #2D

$9 * y = 9$
$y =$

$4 + x = 8$
$x =$

$2 * y = 2$
$y =$

$3 * y = 6$
$y =$

$x - 6 = 3$
$x =$

$x - 7 = 2$
$x =$

$1 * y = 4$
$y =$

$6 * y = 42$
$y =$

$1 * y = 1$
$y =$

$7 + y = 16$
$y =$

$5 + x = 11$
$x =$

$y - 8 = -7$
$y =$

$1 + y = 8$
$y =$

$x - 8 = -2$
$x =$

$3 * y = 3$
$y =$

$6 * y = 30$
$y =$

$4 + x = 9$
$x =$

$1 * y = 9$
$y =$

$x - 2 = 2$
$x =$

$x - 3 = -1$
$x =$

Simple Algebraic Equations

Set #3D

$3 * y = 6$
y =

$3 * y = 9$
y =

$1 * x = 3$
x =

$6 + y = 7$
y =

$x - 6 = -5$
x =

$y - 7 = -3$
y =

$y - 6 = -4$
y =

$7 * x = 28$
x =

$4 * x = 16$
x =

$y - 2 = 4$
y =

$7 + y = 8$
y =

$x - 5 = 1$
x =

$x - 9 = 0$
x =

$2 + y = 8$
y =

$8 * y = 48$
y =

$x - 8 = -4$
x =

$y - 1 = 1$
y =

$x - 2 = 6$
x =

$1 * y = 4$
y =

$y - 1 = 0$
y =

Simple Algebraic Equations

Set #4D

$1 + y = 4$
$y =$

$6 + x = 13$
$x =$

$y - 8 = -7$
$y =$

$3 * y = 3$
$y =$

$8 * y = 8$
$y =$

$2 + y = 3$
$y =$

$2 + y = 10$
$y =$

$8 * y = 24$
$y =$

$x - 7 = 2$
$x =$

$x - 9 = 0$
$x =$

$1 * x = 6$
$x =$

$y - 4 = 5$
$y =$

$9 + x = 14$
$x =$

$1 + y = 3$
$y =$

$5 * y = 10$
$y =$

$x - 3 = 5$
$x =$

$2 * x = 10$
$x =$

$y - 4 = -3$
$y =$

$1 + y = 6$
$y =$

$y - 3 = 6$
$y =$

Simple Algebraic Equations

Set #5D

$2 + x = 6$
x =

$y - 1 = 3$
y =

$y - 4 = 0$
y =

$8 + x = 10$
x =

$x - 3 = 2$
x =

$y - 6 = -2$
y =

$9 + x = 18$
x =

$9 + x = 12$
x =

$9 + y = 13$
y =

$6 * y = 48$
y =

$4 + x = 8$
x =

$4 * x = 8$
x =

$9 * y = 18$
y =

$4 * y = 32$
y =

$4 + x = 9$
x =

$7 * x = 56$
x =

$7 * x = 28$
x =

$8 * y = 32$
y =

$6 * x = 36$
x =

$3 + y = 9$
y =

Simple Algebraic Equations

Solve for the x or y.

Set #6D

6 + y = 11
y =

2 * x = 8
x =

9 * y = 45
y =

8 * y = 16
y =

1 * y = 1
y =

x - 6 = -3
x =

9 * x = 54
x =

y - 1 = 8
y =

5 + y = 12
y =

6 * y = 42
y =

y - 1 = 0
y =

y - 7 = -3
y =

8 + y = 12
y =

6 * y = 54
y =

x - 8 = -3
x =

4 + y = 5
y =

3 + x = 7
x =

5 * y = 15
y =

5 + x = 13
x =

2 * x = 12
x =

Simple Algebraic Equations

Set #7D

$3 + x = 7$
x =

$2 + x = 6$
x =

$x - 8 = -2$
x =

$1 * y = 4$
y =

$9 + x = 12$
x =

$4 * x = 12$
x =

$6 + x = 8$
x =

$4 * y = 24$
y =

$y - 1 = 1$
y =

$4 + x = 12$
x =

$9 * y = 18$
y =

$7 + x = 10$
x =

$9 * y = 72$
y =

$y - 6 = -4$
y =

$7 * x = 28$
x =

$9 + y = 13$
y =

$x - 7 = 2$
x =

$1 + y = 3$
y =

$4 * x = 20$
x =

$2 * y = 4$
y =

Simple Algebraic Equations

Set #8D

$9 * x = 54$

$x =$

$x - 1 = 5$

$x =$

$3 * x = 24$

$x =$

$x - 8 = -3$

$x =$

$5 + x = 13$

$x =$

$x - 2 = 7$

$x =$

$x - 7 = 0$

$x =$

$y - 6 = -1$

$y =$

$1 * x = 3$

$x =$

$1 * y = 9$

$y =$

$9 * x = 36$

$x =$

$x - 2 = 3$

$x =$

$2 * x = 12$

$x =$

$6 * y = 54$

$y =$

$4 + x = 11$

$x =$

$8 + x = 10$

$x =$

$8 + y = 15$

$y =$

$3 + x = 7$

$x =$

$1 + y = 6$

$y =$

$3 + x = 4$

$x =$

Simple Algebraic Equations

Solve for the x or y.

Set #9D

$5 * y = 40$
$y =$

$y - 9 = -8$
$y =$

$8 + x = 10$
$x =$

$x - 5 = 1$
$x =$

$7 + x = 12$
$x =$

$8 * y = 24$
$y =$

$9 * y = 9$
$y =$

$y - 1 = 8$
$y =$

$y - 1 = 3$
$y =$

$2 + x = 7$
$x =$

$5 + y = 12$
$y =$

$4 * y = 32$
$y =$

$7 * y = 35$
$y =$

$8 + y = 12$
$y =$

$5 + y = 14$
$y =$

$8 * x = 64$
$x =$

$8 + y = 15$
$y =$

$y - 7 = -2$
$y =$

$9 + x = 11$
$x =$

$7 * y = 42$
$y =$

Simple Algebraic Equations

5 + x = 13
x =

9 * y = 9
y =

7 * y = 42
y =

3 + x = 5
x =

y - 7 = -2
y =

y - 6 = -4
y =

5 * y = 20
y =

9 + x = 16
x =

6 * y = 6
y =

6 + y = 15
y =

6 * x = 36
x =

4 + x = 7
x =

y - 9 = -8
y =

9 + y = 15
y =

1 + x = 5
x =

2 * x = 10
x =

4 * x = 16
x =

5 * x = 45
x =

4 * x = 4
x =

y - 5 = 3
y =

Simple Algebraic Equations

Set #11D

$2 * x = 16$

x =

$y - 1 = 0$

y =

$3 + x = 4$

x =

$3 + y = 11$

y =

$8 * x = 56$

x =

$7 + y = 9$

y =

$x - 2 = -1$

x =

$9 * y = 18$

y =

$8 * x = 64$

x =

$6 + y = 10$

y =

$1 + y = 8$

y =

$1 + y = 9$

y =

$y - 9 = -8$

y =

$1 * x = 6$

x =

$3 * x = 12$

x =

$1 * x = 3$

x =

$1 + y = 4$

y =

$5 + y = 14$

y =

$1 * y = 7$

y =

$4 * x = 12$

x =

Simple Algebraic Equations

Solve for the x or y.

Set #12D

x - 7 = -4 x =	6 + x = 12 x =	x - 8 = -3 x =	x - 2 = 7 x =
5 + y = 8 y =	8 + x = 16 x =	y - 5 = 3 y =	9 + y = 15 y =
1 * y = 4 y =	4 + x = 12 x =	3 * y = 3 y =	x - 4 = 1 x =
y - 9 = -8 y =	8 + y = 15 y =	x - 8 = 0 x =	8 + y = 12 y =
y - 4 = -2 y =	6 * y = 6 y =	4 * x = 12 x =	1 * x = 5 x =

8 * x = 64
x =

5 + y = 8
y =

4 + y = 10
y =

5 * x = 45
x =

2 + x = 6
x =

x - 8 = -3
x =

3 + x = 5
x =

4 * y = 24
y =

3 * x = 18
x =

6 * y = 48
y =

9 + y = 17
y =

7 + x = 14
x =

x - 2 = 6
x =

y - 1 = 1
y =

x - 3 = 0
x =

2 + y = 3
y =

x - 9 = -4
x =

4 + x = 6
x =

1 * x = 2
x =

4 * x = 28
x =

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #13D

8 * y = 16   3 + x = 7   2 + y = 8   y - 5 = 2
y =   x =   y =   y =

3 * y = 6   4 + x = 8   x - 3 = 2   3 + x = 12
y =   x =   x =   x =

1 + x = 10   7 + x = 13   x - 2 = -1   9 * y = 27
x =   x =   x =   y =

9 + x = 10   5 * y = 30   x - 8 = -2   3 + x = 6
x =   y =   x =   x =

y - 7 = -1   3 * x = 12   5 * y = 20   6 + x = 14
y =   x =   y =   x =

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #14D

$4 * y = 36$ $y =$	$7 * x = 14$ $x =$	$y - 6 = -4$ $y =$	$9 + x = 10$ $x =$
$x - 3 = 4$ $x =$	$7 * x = 28$ $x =$	$5 * x = 45$ $x =$	$x - 2 = 2$ $x =$
$4 + x = 6$ $x =$	$x - 7 = -4$ $x =$	$9 + y = 13$ $y =$	$7 + x = 15$ $x =$
$9 * x = 36$ $x =$	$9 + x = 11$ $x =$	$8 * x = 64$ $x =$	$x - 6 = 1$ $x =$
$2 * y = 6$ $y =$	$5 + y = 14$ $y =$	$x - 5 = -4$ $x =$	$4 + x = 9$ $x =$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #15D

9 + y = 15
y =

9 * x = 36
x =

x - 8 = -6
x =

1 * x = 5
x =

8 + x = 10
x =

x - 2 = 3
x =

5 + y = 8
y =

7 * x = 56
x =

2 * y = 6
y =

7 + y = 11
y =

7 + x = 15
x =

x - 3 = -2
x =

4 + x = 11
x =

8 * y = 72
y =

x - 2 = -1
x =

3 + x = 6
x =

y - 4 = -2
y =

2 + x = 6
x =

9 * y = 27
y =

9 + x = 12
x =

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #16D

$9 + x = 11$
$x =$

$x - 2 = 6$
$x =$

$8 + x = 11$
$x =$

$x - 9 = 0$
$x =$

$x - 2 = -1$
$x =$

$2 * x = 12$
$x =$

$9 + y = 13$
$y =$

$8 + x = 13$
$x =$

$y - 9 = -1$
$y =$

$7 * y = 35$
$y =$

$4 * y = 24$
$y =$

$y - 5 = 3$
$y =$

$6 * x = 36$
$x =$

$8 * y = 16$
$y =$

$x - 2 = 5$
$x =$

$1 + x = 2$
$x =$

$6 * y = 30$
$y =$

$x - 2 = 3$
$x =$

$3 * x = 27$
$x =$

$x - 8 = 0$
$x =$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #17D

6 * y = 42
y =

4 + x = 9
x =

5 + y = 14
y =

5 + y = 12
y =

5 + x = 10
x =

x - 6 = -5
x =

3 * y = 6
y =

6 * y = 6
y =

5 * x = 5
x =

8 + x = 11
x =

y - 1 = 1
y =

1 + y = 9
y =

5 * y = 40
y =

x - 2 = 7
x =

5 * y = 15
y =

y - 5 = 3
y =

y - 7 = -1
y =

x - 3 = 1
x =

1 + x = 10
x =

4 + x = 7
x =

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #18D

$9 * x = 54$

$x =$

$y - 7 = -3$

$y =$

$3 * x = 21$

$x =$

$5 + y = 12$

$y =$

$8 + x = 11$

$x =$

$x - 6 = 0$

$x =$

$8 + y = 12$

$y =$

$y - 9 = -8$

$y =$

$3 * x = 27$

$x =$

$2 * y = 2$

$y =$

$7 * y = 35$

$y =$

$2 + y = 11$

$y =$

$4 + x = 13$

$x =$

$9 + x = 11$

$x =$

$9 + y = 17$

$y =$

$y - 6 = -2$

$y =$

$x - 2 = -1$

$x =$

$9 + x = 16$

$x =$

$6 + y = 9$

$y =$

$9 * y = 81$

$y =$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #19D

9 * y = 72
y =

y - 7 = -3
y =

x - 7 = 0
x =

1 * x = 6
x =

8 * y = 40
y =

4 + x = 12
x =

8 + x = 13
x =

y - 9 = -8
y =

y - 1 = 8
y =

3 * x = 27
x =

x - 9 = -6
x =

4 * y = 36
y =

2 * x = 18
x =

7 + y = 8
y =

3 + y = 8
y =

2 + y = 10
y =

3 + x = 6
x =

9 * y = 81
y =

x - 7 = 2
x =

8 + y = 14
y =

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #20D