

Adding and Subtracting Functions



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Perform the indicated operation.

1) $h(x) = -4x + 6$
 $g(x) = 8x + 1$
Find $(h - g)(x)$

2) $h(x) = -3x + 5$
 $g(x) = 2x + 4$
Find $(h + g)(x)$

3) $h(x) = -2x + 6$
 $g(x) = 3x + 4$
Find $(h - g)(x)$

4) $h(x) = 4x + 8$
 $g(x) = 2x + 3$
Find $(h + g)(x)$

5) $h(x) = -2x + 8$
 $g(x) = 7x + 4$
Find $(h - g)(x)$

6) $h(x) = -10x + 6$
 $g(x) = 3x + 4$
Find $(h - g)(x)$

7) $h(x) = -8x + 6$
 $g(x) = 2x + 2$
Find $(h - g)(x)$

8) $h(x) = -2x + 5$
 $g(x) = 7x + 1$
Find $(h + g)(x)$

9) $h(x) = 11x + 7$
 $g(x) = 7x + 4$
Find $(h + g)(x)$

10) $h(x) = 10x + 5$
 $g(x) = 4x + 4$
Find $(h + g)(x)$

11) $h(x) = -3x + 7$
 $g(x) = 4x + 1$
Find $(h - g)(x)$

12) $h(x) = -6x + 5$
 $g(x) = 2x + 4$
Find $(h + g)(x)$

Answers of Adding and Subtracting Functions



Perform the indicated operation.

1) $h(x) = -4x + 6$

$$g(x) = 8x + 1$$

Find $(h - g)(x)$

$$(h - g)(x) = -12x + 5$$

2) $h(x) = -3x + 5$

$$g(x) = 2x + 4$$

Find $(h + g)(x)$

$$(h + g)(x) = -1x + 9$$

3) $h(x) = -2x + 6$

$$g(x) = 3x + 4$$

Find $(h - g)(x)$

$$(h - g)(x) = -5x + 2$$

4) $h(x) = 4x + 8$

$$g(x) = 2x + 3$$

Find $(h + g)(x)$

$$(h + g)(x) = 6x + 11$$

5) $h(x) = -2x + 8$

$$g(x) = 7x + 4$$

Find $(h - g)(x)$

$$(h - g)(x) = -9x + 4$$

6) $h(x) = -10x + 6$

$$g(x) = 3x + 4$$

Find $(h - g)(x)$

$$(h - g)(x) = -13x + 2$$

7) $h(x) = -8x + 6$

$$g(x) = 2x + 2$$

Find $(h - g)(x)$

$$(h - g)(x) = -10x + 4$$

8) $h(x) = -2x + 5$

$$g(x) = 7x + 1$$

Find $(h + g)(x)$

$$(h + g)(x) = 5x + 6$$

9) $h(x) = 11x + 7$

$$g(x) = 7x + 4$$

Find $(h + g)(x)$

$$(h + g)(x) = 18x + 11$$

10) $h(x) = 10x + 5$

$$g(x) = 4x + 4$$

Find $(h + g)(x)$

$$(h + g)(x) = 14x + 9$$

11) $h(x) = -3x + 7$

$$g(x) = 4x + 1$$

Find $(h - g)(x)$

$$(h - g)(x) = -7x + 6$$

12) $h(x) = -6x + 5$

$$g(x) = 2x + 4$$

Find $(h + g)(x)$

$$(h + g)(x) = -4x + 9$$