Complex Numbers Addition Worksheet

Name:

4i + 3i =

| 12i | 7i | 9i |

(1 – 3i) + (7 + 5i) =

| 2(4 + i) | 8 + 4i | 6 + 2i |

(2m + 5i) + (0 - 9i) =

| 4m - 2i | 2(m - i) | 2(m - 2i) |

(7 + 4i) + (-7 + 2i) =

| 7 - 2i | 14 - 2i | 6i |

(3 + 6i) + (2 - 5i) =

| 5 + i | 5 + 11i | 5 - i |

Complex Numbers Addition Worksheet

$(4 - 2i) + (-1 + 5i) =$		
$3 - 3i$	$3 - 7i$	$3(1 + i)$
$(-11 + 4i) + (-6 - 2i) =$		
$2i - 17$	$17 - 2i$	$2i - 17$
$5i + (-2 + 13i) =$		
$2(9i + 1)$	$2(9i - 1)$	$2(4i - 1)$
$(-3 + 16i) + (-13 - 9i) =$		
$25i - 16$	$7i + 16$	$7i - 16$
$(20 + 17i) + (-21 + 5i) =$		
$41 + 22i$	$22i - 1$	$22i - 41$

Save this file and use it offline, by simply clicking on the colored area. Save Paper & Trees, if you wish you can also print this document for later use.

Complex Numbers Addition Worksheet

$(22 + 20i) + (10 + 18i) =$

    $31 + 38i$ $2(19 + 16i)$ $2(16 + 19i)$

$(26 + 5i) + (12 - 7i) =$

    $2(19 - i)$ $2(19 + i)$ $2(i - 19)$

$(-13 + 3i) + (15 + 6i) =$

    $2 - 9i$ $2 + 9i$ $9i - 2$

$(51 + 15i) + (1 + 7i) =$

    $2(13 + 11i)$ $51 + 22i$ $2(26 + 11i)$

$2(8 + 7i) + (-11 + 2i) =$

    $5 + 16i$ $16i - 5$ $5 + 12i$

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Complex Numbers Addition Worksheet

$(11 + 17i) + (-3 + 19i) =$		
$2(4 + 9i)$	$4(9i - 2)$	$4(2 + 9i)$
$2(-8 - 9i) + 3(10 + 11i) =$		
$2(8i - 7)$	$2(7 + 8i)$	$14 + 15i$
$(a - 2bi) + (a + bi) =$		
$2a - 3i$	$2a - bi$	$a - bi$
$(12 - 2bi) + (a + bi) =$		
$a - bi + 10i$	$13a - bi$	$bi - 13a$
$(-14 + 18i) + 5(-6 + 2i) =$		
$4(11 - 7i)$	$4(7i - 11)$	$4(7i + 11)$