

Name _____ Date _____

Quiz: Addition and Subtraction of Complex Numbers

Solve the problems. Express the result in $a + bi$ form.

1. $(7 + 3i) + (8 - 4i)$

2. $(4 + 2i) - (3 - 7i)$

3. $(3 + 2i) + (4 - 3i)$

4. $(7 - \sqrt{-4}) - (2 - \sqrt{-36})$

5. $(2 - \sqrt{-16}) + (6 + \sqrt{-49})$

6. $(4 - 2i) - (0 - 4i)$

7. Find the sum $4 - 6i$ and $7 - 6i$ subtract $7 - 6i$ from it.

8. Subtract $2 - 1i$ from $4 + 3i$

9. Add $2 + 3i, 1 + 0i$ and $2 - 4i$

10. Subtract $7 - 2i$ from $8 - 4i$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%