

Name: _____

Date _____

Topic : Addition and Subtraction of Complex Numbers - Worksheet 1

Solve the problems. Express the result in $m + ni$ form

1. $(3 + 3i) + (2 - 5i)$

2. $(3 + 4i) - (3 - 6i)$

3. $(3 + 6i) + (3 - 6i)$

4. $(6 - \sqrt{-4}) - (3 - \sqrt{-16})$

5. $(2 - \sqrt{-16}) + (4 + \sqrt{-25})$

6. $(3 - 5i) - (2 - 3i)$

7. Find the sum $4 - 3i$ and $3 - 3i$ subtract $4 - 3i$ from it.

8. Subtract $5 - 3i$ from $7 + 3i$

9. Add $3 + 4i$, $8 + 3i$ and $5 - 2i$

10. Subtract $3 - 4i$ from $2 - 4i$



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Topic : Addition and Subtraction of Complex Numbers - Worksheet 2

Solve the problems. Express the result in $m + ni$ form

1. $(5 + 4i) + (4 - 6i)$

2. $(5 + 3i) - (2 - 6i)$

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

4. $(6 - \sqrt{-16}) - (5 - \sqrt{-25})$

5. $(4 - \sqrt{-4}) + (6 + \sqrt{-9})$

6. $(4 - 6i) - (3 - 4i)$

7. Find the sum $6 - 4i$ and $2 - 2i$ subtract $2 - 2i$ from it.

8. Subtract $3 - 4i$ from $5 + 4i$

9. Add $4 + 5i$, $6 + 4i$ and $3 - 3i$

10. Subtract $5 - 3i$ from $4 - 4i$



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Topic : Addition and Subtraction of Complex Numbers - Worksheet 3

Solve the problems. Express the result in $m + ni$ form

1. $(2 + 3i) + (3 - 5i)$

2. $(6 + 5i) - (6 - 4i)$

3. $(5 + 6i) + (5 - 4i)$

4. $(5 - \sqrt{-9}) - (6 - \sqrt{-16})$

5. $(5 - \sqrt{-36}) + (7 + \sqrt{-49})$

6. $(5 - 3i) - (2 - 5i)$

7. Find the sum $3 - 5i$ and $2 - 5i$ subtract $2 - 5i$ from it.

8. Subtract $4 - 5i$ from $6 + 5i$

9. Add $5 + 2i$, $7 + 3i$ and $2 - 4i$

10. Subtract $2 - 5i$ from $5 - 3i$



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Topic : Addition and Subtraction of Complex Numbers - Worksheet 4

Solve the problems. Express the result in $m + ni$ form

1. $(4 + 5i) + (6 - 3i)$

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

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

4. $(7 - \sqrt{-16}) - (8 - \sqrt{-49})$

5. $(7 - \sqrt{-25}) + (9 + \sqrt{-64})$

6. $(7 - 5i) - (3 - 4i)$

7. Find the sum $6 - 4i$ and $3 - 2i$ subtract $3 - 2i$ from it.

8. Subtract $5 - 7i$ from $8 + 7i$

9. Add $4 + 3i$, $8 + 4i$ and $3 - 5i$

10. Subtract $3 - 6i$ from $7 - 4i$



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Topic : Addition and Subtraction of Complex Numbers - Worksheet 5

Solve the problems. Express the result in $m + ni$ form

1. $(5 + 7i) + (4 - 5i)$

2. $(8 + 4i) - (8 - 5i)$

3. $(7 + 6i) + (7 - 6i)$

4. $(3 - \sqrt{-36}) - (4 - \sqrt{-81})$

5. $(9 - \sqrt{-16}) + (6 + \sqrt{-36})$

6. $(8 - 6i) - (5 - 9i)$

7. Find the sum $7 - 5i$ and $4 - 3i$ subtract $4 - 3i$ from it.

8. Subtract $6 - 8i$ from $5 + 8i$

9. Add $5 + 6i$, $7 + 5i$ and $2 - 8i$

10. Subtract $4 - 7i$ from $8 - 3i$

