Introduction to Complex Numbers · 1

Simplify: i^{13}

Introduction to Complex Numbers · 2

$(5i) - (5i) =$ ___

Introduction to Complex Numbers · 3

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

___

Introduction to Complex Numbers · 4

Simplify: i^{6}

Introduction to Complex Numbers · 5

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

$=$ ___

Introduction to Complex Numbers · 6

$(5 + 4i)(2 + 2i) =$

___

Introduction to Complex Numbers · 7

Simplify: i^{5}

Introduction to Complex Numbers · 8

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

$=$ ___

Introduction to Complex Numbers · 2

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0

Introduction to Complex Numbers · 1

ANSWER

i

Introduction to Complex Numbers · 4

ANSWER

-1

Introduction to Complex Numbers · 3

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-32 + 7i

Introduction to Complex Numbers · 6

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2 + 18i

Introduction to Complex Numbers · 5

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-3 + 13i

Introduction to Complex Numbers · 8

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-4 + 2i

Introduction to Complex Numbers · 7

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i

Simplify: i^{10}

$(-7 + 7i) + (-7 + 2i) =$ ___

$(-6 + 6i)(5 + 2i) =$ ___

Simplify: i^{14}

$(-4 + 7i) - (-8 + 7i) =$ ___

$(7 + 2i)(-3 + i) =$ ___

Simplify: i^{3}

$(3 + i) + (3i) =$ ___

Introduction to Complex Numbers · 10

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-14 + 9i

Introduction to Complex Numbers · 9

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-1

Introduction to Complex Numbers · 12

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-1

Introduction to Complex Numbers · 11

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-42 + 18i

Introduction to Complex Numbers · 14

ANSWER

-23 + i

Introduction to Complex Numbers · 13

ANSWER

4

Introduction to Complex Numbers · 16

ANSWER

3 + 4i

Introduction to Complex Numbers · 15

ANSWER

-i

$(9 + 3i) + (-1 + 9i)$

$= ___$

$(-3 + 4i)(2 + 9i) =$

$___$

$(-7 + i) - (i) = ___$

$(-8 + 3i)(8 + 5i) =$

$___$

Simplify: i^{15}

$(6 + 9i) - (-7 + 2i)$

$= ___$

Simplify: i^{9}

$(2 + i) - (2i) = ___$

Introduction to Complex Numbers · 18

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-42 - 19i

Introduction to Complex Numbers · 17

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8 + 12i

Introduction to Complex Numbers · 20

ANSWER

-79 - 16i

Introduction to Complex Numbers · 19

ANSWER

-7

Introduction to Complex Numbers · 22

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13 + 7i

Introduction to Complex Numbers · 21

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-i

Introduction to Complex Numbers · 24

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2 - i

Introduction to Complex Numbers · 23

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i