Task card 1 Introduction to Complex Numbers

Simplify: i^2

Task card 2 Introduction to Complex Numbers

$(-4 + 4i) - (-1 + i) =$ ___

Task card 3 Introduction to Complex Numbers

$(2 + 2i)(3i) =$

___

Task card 4 Introduction to Complex Numbers

Simplify: i^8

Task card 5 Introduction to Complex Numbers

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

Task card 6 Introduction to Complex Numbers

$(-1 + 2i)(3 + i) =$ ___

Task card 7 Introduction to Complex Numbers

Simplify: i^5

Task card 8 Introduction to Complex Numbers

$(-2 + i) - (-1 + 3i) =$ ___

Task card 9 Introduction to Complex Numbers

$(1 + 4i) - (3 + 5i) =$ ___

Task card 10 Introduction to Complex Numbers

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

Task card 11 Introduction to Complex Numbers

Simplify: i^7

Task card 12 Introduction to Complex Numbers

$(1 + i) - (-5 + i) =$ ___

Task card 13 Introduction to Complex Numbers

$$(-4 + 3i)(5 + 3i) = ___$$

Task card 14 Introduction to Complex Numbers

$$(2 + 5i) + (-5 + 3i) = ___$$

Task card 15 Introduction to Complex Numbers

$$(6i) - (4 + 6i) = ___$$

Task card 16 Introduction to Complex Numbers

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

Task card 17 Introduction to Complex Numbers

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

Task card 18 Introduction to Complex Numbers

$$(5 + 3i)(6 + i) = ___$$

Task card 19 Introduction to Complex Numbers

$(4 + i) - (-6 + 3i) = ___$

Task card 20 Introduction to Complex Numbers

$(-3 + 3i) - (4 + i) = ___$

Task card 21 Introduction to Complex Numbers

$(1 + 3i)(3i) = ___$

Task card 22 Introduction to Complex Numbers

$(2 + 4i) - (-1 + 2i) = ___$

Task card 23 Introduction to Complex Numbers

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

Task card 24 Introduction to Complex Numbers

$(-2 + 4i) - (1 + 4i) = ___$

Introduction to Complex Numbers Task Cards

Recording sheet · Grade 11 · Simplify each expression.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Introduction to Complex Numbers Task Cards: Answer Key

Grade 11 · Easy

The answers online

1. -1	**2.** -3 + 3i	**3.** -6 + 6i
4. 1	**5.** 1 + 6i	**6.** -5 + 5i
7. i	**8.** -1 - 2i	**9.** -2 - i
10. -6 - 17i	**11.** -i	**12.** 6
13. -29 + 3i	**14.** -3 + 8i	**15.** -4
16. -7 + i	**17.** 1	**18.** 27 + 23i
19. 10 - 2i	**20.** -7 + 2i	**21.** -9 + 3i
22. 3 + 2i	**23.** 4 + 7i	**24.** -3