

Name: _____

Date _____

Topic: Standard Form From Complex Numbers - Worksheet 1

State the values of a and b components for each complex number when the number is in the form $a + ib$

1. $2 + 2i$

2. $-3 - 6i$

3. $4 - 4i$

4. $-6 + 5i$

Write the following numbers in standard $a + bi$ form

5. $-3i$

6. 5

7. $9 - 2i$

8. 7

Write the following fractions in standard $a + ib$ form

9. $(-6 + 2i)/2$

10. $(-2 - 6i)/2$



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Topic: Standard Form From Complex Numbers - Worksheet 2

State the values of a and b components for each complex number when the number is in the form $a + ib$

1. $4 + 6i$

2. $-5 - 1i$

3. $3 - 2i$

4. $-8 + 6i$

Write the following numbers in standard $a + bi$ form

5. $-8i$

6. 2

7. $7 - 4i$

8. 6

Write the following fractions in standard $a + ib$ form

9. $(-8 + 4i)/4$

10. $(-3 - 6i)/3$



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Topic: Standard Form From Complex Numbers - Worksheet 3

State the values of a and b components for each complex number when the number is in the form $a + ib$

1. $8 + 3i$

2. $-9 - 7i$

3. $7 - 2i$

4. $-3 + 4i$

Write the following numbers in standard $a + bi$ form

5. $-2i$

6. 7

7. $9 - 3i$

8. 5

Write the following fractions in standard $a + ib$ form

9. $(-6 + 3i)/3$

10. $(-2 - 8i)/2$



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Topic: Standard Form From Complex Numbers - Worksheet 4

State the values of a and b components for each complex number when the number is in the form $a + ib$

1. $7 + 6i$

2. $-8 - 4i$

3. $2 - 6i$

4. $-5 + 7i$

Write the following numbers in standard $a + bi$ form

5. $-5i$

6. 8

7. $9 - 4i$

8. 6

Write the following fractions in standard $a + ib$ form

9. $(-15 + 5i)/5$

10. $(-4 - 20i)/4$



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Topic: Standard Form From Complex Numbers - Worksheet 5

State the values of a and b components for each complex number when the number is in the form $a + ib$

1. $8 + 9i$

2. $-7 - 3i$

3. $7 - 4i$

4. $-1 + 3i$

Write the following numbers in standard $a + bi$ form

5. $-9i$

6. 4

7. $3 - 8i$

8. 2

Write the following fractions in standard $a + ib$ form

9. $(-16 + 4i)/4$

10. $(-6 - 22i)/2$

