

Name: _____

Date _____

Topic : Absolute Value of Complex Numbers- Worksheet 1

Do the following:

1. $\sqrt{7} - 3i$

2. $\sqrt{8} - 5i$

3. $5 + 4i$

4. $6 - 7i$

5. $-12 - 3i$

6. $- 8i$

Find $|Z|$, if Z is:

7. $10 - 6i$

8. $12 + 5i$

Find the distance from origin to the following points:

9. $\sqrt{14} - 6i$

10. $\sqrt{22} + 5i$



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Topic : Absolute Value of Complex Numbers- Worksheet 2

Do the following:

1. $\sqrt{8 - 4i}$

2. $\sqrt{9 - 6i}$

3. $6 + 5i$

4. $7 - 8i$

5. $-13 - 4i$

6. $- 9i$

Find $|Z|$, if Z is:

7. $11 - 7i$

8. $13 + 6i$

Find the distance from origin to the following points:

9. $\sqrt{15 - 7i}$

10. $\sqrt{23 + 6i}$



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Topic : Absolute Value of Complex Numbers- Worksheet 3

Do the following:

1. $\sqrt{9 - 5i}$

2. $\sqrt{10 - 7i}$

3. $7 + 6i$

4. $8 - 9i$

5. $-15 - 5i$

6. $- 11$

Find $|Z|$, if Z is:

7. $12 - 8i$

8. $15 + 7i$

Find the distance from origin to the following points:

9. $\sqrt{16 - 8i}$

10. $\sqrt{25 + 8i}$



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Topic : Absolute Value of Complex Numbers- Worksheet 4

Do the following:

1. $\sqrt{10 - 6i}$

2. $\sqrt{11 - 8i}$

3. $8 + 7i$

4. $9 - 10i$

5. $-16 - 6i$

6. $- 15i$

Find $|Z|$, if Z is:

7. $13 - 9i$

8. $16 + 8i$

Find the distance from origin to the following points:

9. $\sqrt{17 - 9i}$

10. $\sqrt{26 + 9i}$



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Topic : Absolute Value of Complex Numbers- Worksheet 5

Do the following:

1. $\sqrt{11 - 7i}$ 2. $\sqrt{12 - 8i}$

3. $9 + 8i$ 4. $10 - 11i$

5. $-18 - 8i$ 6. $- 18$

Find $|Z|$, if Z is:

7. $15 - 11i$ 8. $17 + 12i$

Find the distance from origin to the following points:

9. $\sqrt{18 - 10i}$ 10. $\sqrt{28 + 10i}$

