

Name: _____

Date _____

Topic : Simplify Square Roots with Negative Numbers - Worksheet 1

Simplify in terms of i

1. $(1/6)\sqrt{-251}$

2. $\sqrt{-254}$

3. $16\sqrt{-225}$

4. $(1/2)\sqrt{-66}$

5. $(1/3)\sqrt{-150}$

6. $\sqrt{-504}$

7. $(1/2)\sqrt{-421}$

8. $\sqrt{-780}$

9. $12\sqrt{-302}$

10. $(1/8)\sqrt{-251}$



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Topic : Simplify Square Roots with Negative Numbers - Worksheet 2

Simplify in terms of i

1. $\sqrt{-523}$

2. $5\sqrt{-405}$

3. $(1/4)\sqrt{-142}$

4. $(1/3)\sqrt{-601}$

5. $\sqrt{-350}$

6. $(1/3)\sqrt{-125}$

7. $4\sqrt{-246}$

8. $8\sqrt{-692}$

9. $\sqrt{-725}$

10. $7\sqrt{-373}$



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Topic : Simplify Square Roots with Negative Numbers - Worksheet 3

Simplify in terms of i

1. $9\sqrt{-246}$

2. $(1/5)\sqrt{-405}$

3. $(1/2)\sqrt{-200}$

4. $\sqrt{-520}$

5. $(1/4)\sqrt{-306}$

6. $5\sqrt{-125}$

7. $\sqrt{-918}$

8. $(1/3)\sqrt{-109}$

9. $\sqrt{-462}$

10. $4\sqrt{-326}$



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Topic : Simplify Square Roots with Negative Numbers - Worksheet 4

Simplify in terms of i

1. $(1/4)\sqrt{-223}$

2. $(1/2)\sqrt{-105}$

3. $9\sqrt{-342}$

4. $(1/3)\sqrt{-101}$

5. $\sqrt{-810}$

6. $(1/2)\sqrt{-20}$

7. $\sqrt{-446}$

8. $5\sqrt{-223}$

9. $(1/4)\sqrt{-90}$

10. $9\sqrt{-303}$



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Topic : Simplify Square Roots with Negative Numbers - Worksheet 5

Simplify in terms of i

1. $\sqrt{-65}$

2. $(1/3)\sqrt{-225}$

3. $2\sqrt{-150}$

4. $6\sqrt{-70}$

5. $(1/2)\sqrt{-245}$

6. $\sqrt{-320}$

7. $(1/2)\sqrt{-60}$

8. $\sqrt{-471}$

9. $\sqrt{-190}$

10. $3\sqrt{-232}$

