

Name: _____

Date _____

Topic : Simplifying Radicals 5 Pack - Worksheet 1

Simplify the radicals, leaving your answers to two decimal places where appropriate.

1. $2\sqrt{8}$

2. $12\sqrt{6}$

3. $3\sqrt{(9/100)}$

4. $(3\sqrt{9})/30$

5. $\sqrt{(24/65)}$

6. $\sqrt{275}$

7. $4\sqrt{149}$

8. $\sqrt{(7/3)}$

9. $\sqrt{370}$

10. $2\sqrt{(3/24)}$



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Topic : Simplifying Radicals 5 Pack - Worksheet 2

Simplify the radicals, leaving your answers to two decimal places where appropriate.

1. $4\sqrt{8/200}$

2. $6\sqrt{18}$

3. $\sqrt{(20/69)}$

4. $3\sqrt{9/30}$

5. $7\sqrt{(24/5)}$

6. $5\sqrt{712}$

7. $3\sqrt{240}$

8. $\sqrt{(57/30)}$

9. $14\sqrt{540}$

10. $\sqrt{(243/52)}$



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Topic : Simplifying Radicals 5 Pack - Worksheet 3

Simplify the radicals, leaving your answers to two decimal places where appropriate.

1. $2\sqrt{280}$

2. $19\sqrt{18/2}$

3. $6\sqrt{(20/5)}$

4. $9\sqrt{130}$

5. $8\sqrt{(52/7)}$

6. $4\sqrt{543}$

7. $6\sqrt{250}$

8. $5\sqrt{(40/4)}$

9. $20\sqrt{58/37}$

10. $5\sqrt{383}$



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Topic : Simplifying Radicals 5 Pack - Worksheet 4

Simplify the radicals, leaving your answers to two decimal places where appropriate.

1. $\sqrt{812}$

2. $\sqrt{61/50}$

3. $5\sqrt{(70/140)}$

4. $4\sqrt{8/50}$

5. $\sqrt{565}$

6. $\sqrt{275/300}$

7. $2\sqrt{149/59}$

8. $\sqrt{(7/35)}$

9. $28\sqrt{370}$

10. $\sqrt{(37/17)}$



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Topic : Simplifying Radicals 5 Pack - Worksheet 5

Simplify the radicals, leaving your answers to two decimal places where appropriate.

1. $8\sqrt{8/321}$

2. $\sqrt{389}$

3. $\sqrt{(20/6)}$

4. $2\sqrt{910}$

5. $5\sqrt{(8/52)}$

6. $\sqrt{560}$

7. $2\sqrt{221/21}$

8. $6\sqrt{(372)}$

9. $13\sqrt{436/120}$

10. $\sqrt{545}$

