Simplified Radical Form

Simplified Radical Form

Name _____

There are 41 radicals between 0 and 100 that can be written in simplest radical form. Take the challenge!

1. $\sqrt{0}$	15. $\sqrt{36}$	29. $\sqrt{72}$
2. $\sqrt{1}$	16. $\sqrt{40}$	30. $\sqrt{75}$
3. $\sqrt{4}$	17. $\sqrt{44}$	31. $\sqrt{76}$
4. $\sqrt{8}$	18. $\sqrt{45}$	32. $\sqrt{80}$
5. $\sqrt{9}$	19. $\sqrt{48}$	33. $\sqrt{81}$
6. $\sqrt{12}$	20. $\sqrt{49}$	34. $\sqrt{84}$
7. $\sqrt{16}$	21. $\sqrt{50}$	35. $\sqrt{88}$
		36. $\sqrt{90}$
11. $\sqrt{25}$	25. $\sqrt{60}$	
12. $\sqrt{27}$	26. $\sqrt{63}$	40. $\sqrt{99}$
13. $\sqrt{28}$	27. $\sqrt{64}$	41. $\sqrt{100}$
14. $\sqrt{32}$	28. $\sqrt{68}$	

Jean Adams

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Simplified Radical Form Freebie!

This is a free warm-up activity for my unit on **Radical Functions and Rational Exponents** or for a quick review before using the **Quadratic Formula** or **Pythagorean Theorem**.

TEACHER NOTES: This short activity is a great opener or review for working with radicals. It can be used in Algebra 1, Algebra 2, Pre-Calculus, Geometry, and other courses that cover radical expressions.

You may be interested in purchasing the **Activities and Assessments Bundle** for this unit.

Be sure to visit my store for more engaging activities and lessons.

Simplified Radical Form

Name _____

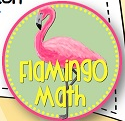**There are 41 radicals between 0 and 100 that can be written in simplest radical form. Take the challenge!**

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6. $\sqrt{12}$	20. $\sqrt{49}$	34. $\sqrt{84}$
7. $\sqrt{16}$	21. $\sqrt{50}$	35. $\sqrt{88}$
8. $\sqrt{18}$	22. $\sqrt{52}$	36. $\sqrt{90}$
9. $\sqrt{20}$	23. $\sqrt{54}$	37. $\sqrt{92}$
10. $\sqrt{24}$	24. $\sqrt{56}$	38. $\sqrt{96}$
11. $\sqrt{25}$	25. $\sqrt{60}$	39. $\sqrt{98}$
12. $\sqrt{27}$	26. $\sqrt{63}$	40. $\sqrt{99}$
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14. $\sqrt{32}$	28. $\sqrt{68}$	

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Simplified Radical Form

Name _____

There are 41 radicals between 0 and 100 that can be written in simplest radical form. Take the challenge!

1. $\sqrt{0}$ 0	15. $\sqrt{36}$ 6	29. $\sqrt{72}$ $6\sqrt{2}$
2. $\sqrt{1}$ 1	16. $\sqrt{40}$ $2\sqrt{10}$	30. $\sqrt{75}$ $5\sqrt{3}$
3. $\sqrt{4}$ 2	17. $\sqrt{44}$ $2\sqrt{11}$	31. $\sqrt{76}$ $2\sqrt{19}$
4. $\sqrt{8}$ $2\sqrt{2}$	18. $\sqrt{45}$ $3\sqrt{5}$	32. $\sqrt{80}$ $4\sqrt{5}$
5. $\sqrt{9}$ 3	19. $\sqrt{48}$ $4\sqrt{3}$	33. $\sqrt{81}$ 9
6. $\sqrt{12}$ $2\sqrt{3}$	20. $\sqrt{49}$ 7	34. $\sqrt{84}$ $2\sqrt{21}$
7. $\sqrt{16}$ 4	21. $\sqrt{50}$ $5\sqrt{2}$	35. $\sqrt{88}$ $2\sqrt{22}$
8. $\sqrt{18}$ $3\sqrt{2}$	22. $\sqrt{52}$ $2\sqrt{13}$	36. $\sqrt{90}$ $3\sqrt{10}$
9. $\sqrt{20}$ $2\sqrt{5}$	23. $\sqrt{54}$ $3\sqrt{6}$	37. $\sqrt{92}$ $2\sqrt{23}$
10. $\sqrt{24}$ $2\sqrt{6}$	24. $\sqrt{56}$ $2\sqrt{14}$	38. $\sqrt{96}$ $4\sqrt{6}$
11. $\sqrt{25}$ 5	25. $\sqrt{60}$ $2\sqrt{15}$	39. $\sqrt{98}$ $7\sqrt{2}$
12. $\sqrt{27}$ $3\sqrt{3}$	26. $\sqrt{63}$ $3\sqrt{7}$	40. $\sqrt{99}$ $3\sqrt{11}$
13. $\sqrt{28}$ 27	27. $\sqrt{64}$ 8	41. $\sqrt{100}$ 10
14. $\sqrt{32}$ $4\sqrt{2}$	28. $\sqrt{68}$ $2\sqrt{17}$	

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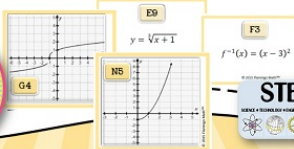Smart Board Presentation
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$f^{-1}(x) = (x-3)^2$
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F3
G4
N5
STEM
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