Simplifying higher roots

Name _____ Date _____

1. $\sqrt{4x^7}$ = _____
2. $\sqrt[3]{80}$ = _____
3. $\sqrt{50x^7}$ = _____
4. $\sqrt[3]{x^5}$ = _____
5. $\sqrt[3]{x^5}$ = _____
6. $\sqrt{32x^7}$ = _____
7. $\sqrt[3]{x^5}$ = _____
8. $\sqrt[3]{256}$ = _____
9. $\sqrt[3]{81}$ = _____
10. $\sqrt[3]{x^5}$ = _____
11. $\sqrt[3]{x^4}$ = _____
12. $\sqrt{5x^5}$ = _____
13. $\sqrt[3]{x^{10}}$ = _____
14. $\sqrt{5x^9}$ = _____
15. $\sqrt[3]{x^{11}}$ = _____
16. $\sqrt[3]{x^7}$ = _____
17. $\sqrt[3]{x^5}$ = _____
18. $\sqrt[4]{162}$ = _____
19. $\sqrt[4]{112}$ = _____
20. $\sqrt[3]{x^4}$ = _____
21. $\sqrt[3]{x^{11}}$ = _____
22. $\sqrt[3]{384}$ = _____
23. $\sqrt[3]{250}$ = _____
24. $\sqrt[4]{405}$ = _____
25. $\sqrt{48x^3}$ = _____

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26. $\sqrt[3]{x^5}$ = _____

27. $\sqrt{9x^7}$ = _____

28. $\sqrt{32x^9}$ = _____

29. $\sqrt[3]{32}$ = _____

30. $\sqrt[3]{448}$ = _____

31. $\sqrt[4]{112}$ = _____

32. $\sqrt{4x^7}$ = _____

33. $\sqrt[4]{80}$ = _____

34. $\sqrt[3]{16}$ = _____

35. $\sqrt{3x^3}$ = _____

36. $\sqrt[4]{48}$ = _____

37. $\sqrt[3]{x^8}$ = _____

38. $\sqrt[3]{x^7}$ = _____

39. $\sqrt[3]{16}$ = _____

40. $\sqrt[3]{72}$ = _____

41. $\sqrt{48x^9}$ = _____

42. $\sqrt[3]{500}$ = _____

43. $\sqrt[4]{96}$ = _____

44. $\sqrt[3]{x^{11}}$ = _____

45. $\sqrt[3]{x^5}$ = _____

46. $\sqrt{45x^9}$ = _____

47. $\sqrt[4]{405}$ = _____

48. $\sqrt[4]{96}$ = _____

49. $\sqrt[3]{x^8}$ = _____

50. $\sqrt{4x^7}$ = _____