

Name: Selected Answers Period: _____

Score: _____ / _____ %

HW 6-7 - Simplify Roots

DO NOT USE A SCIENTIFIC CALCULATOR ON THIS ASSIGNMENT!

Simplify each expression.

1. $\sqrt{169}$

13

9. $\sqrt{5}$

$\sqrt{5}$

17. $\sqrt{40}$

$2\sqrt{10}$

2. $\sqrt{36}$

10. $\sqrt{35}$

18. $\sqrt{32}$

3. $\sqrt{25}$

5

11. $\sqrt{64}$

8

19. $\sqrt{99}$

$3\sqrt{11}$

4. $\sqrt{30}$

12. $\sqrt{50}$

20. $\sqrt{90}$

5. $\sqrt{75}$

$5\sqrt{3}$

13. $\sqrt{27}$

$3\sqrt{3}$

21. $\sqrt{72}$

$6\sqrt{2}$

6. $\sqrt{45}$

14. $\sqrt{16}$

22. $\sqrt{140}$

7. $\sqrt{6}$

$\sqrt{6}$

15. $\sqrt{12}$

$2\sqrt{3}$

23. $\sqrt{132}$

$2\sqrt{33}$

8. $\sqrt{21}$

16. $\sqrt{20}$

24. $\sqrt{24}$