

Geometry

Name _____

Radical Review – Simplify, Multiply and Divide

SHOW WORK!

Simplify the following radicals. NO DECIMALS!

1. $\sqrt{27}$

2. $\sqrt{1}$

3. $\sqrt{48}$

4. $\sqrt{150}$

5. $\sqrt{90}$

6. $\sqrt{128}$

7. $\sqrt{500}$

8. $\sqrt{525}$

9. $\sqrt{14}$

10. $\sqrt{4}$

11. $\sqrt{72}$

12. $\sqrt{17}$

13. $\sqrt{120}$

14. $\sqrt{16}$

15. $\sqrt{300}$

16. $\sqrt{9}$

17. $\sqrt{36}$

18. $\sqrt{144}$

Geometry

Name _____

Radical Review – Simplify, Multiply and Divide

SHOW WORK!

Multiply or divide and simplify completely. NO DECIMALS!

1. $\sqrt{5} \cdot \sqrt{7}$

2. $\sqrt{14} \cdot \sqrt{7}$

3. $\sqrt{6} \cdot \sqrt{8}$

4. $-\sqrt{10} \cdot \sqrt{24}$

5. $\sqrt{15} \cdot \sqrt{21}$

6. $\sqrt{12} \cdot \sqrt{4}$

7. $\sqrt{6} \cdot -\sqrt{12}$

8. $\sqrt{13} \cdot \sqrt{39}$

9. $\sqrt{15} \cdot 2\sqrt{6}$

10. $\sqrt{2} \cdot 3\sqrt{10}$

11. $\frac{\sqrt{28}}{\sqrt{7}}$

12. $\frac{6}{\sqrt{36}}$

13. $\frac{\sqrt{4}}{\sqrt{12}}$

14. $\frac{\sqrt{7}}{\sqrt{49}}$

15. $\frac{\sqrt{12}}{\sqrt{6}}$

16. $\frac{\sqrt{2}}{\sqrt{12}}$

17. $\frac{17}{\sqrt{2}}$

18. $\frac{5\sqrt{3}}{\sqrt{5}}$

19. $\frac{\sqrt{7}}{\sqrt{5}}$

20. $\frac{\sqrt{6}}{4\sqrt{2}}$

21. $\frac{\sqrt{34}}{\sqrt{17}}$

22. $\frac{90}{\sqrt{10}}$