NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD\_\_\_\_\_

14.3 – Dividing Radicals

Simplify.

1. $\sqrt{\frac{3}{25}}=$ 2. $\sqrt{\frac{2}{3}}=$

3. $\frac{21\sqrt{96}}{3\sqrt{3}}=$ 4. $\sqrt{\frac{6}{121}}=$

5. $\frac{9}{\sqrt{5}}=$ 6. $\frac{\sqrt{80}}{\sqrt{5}}=$

7. $\frac{1}{\sqrt{2}}=$ 8. $\sqrt{\frac{5}{3}}=$

9. $\sqrt{\frac{361}{484}}=$ 10. $\frac{7}{\sqrt{7}}=$

11. $\frac{8}{\sqrt{2}}=$ 12. $\frac{\sqrt{24}}{\sqrt{2}}=$

13. $\frac{3\sqrt{20}}{\sqrt{5}}=$ 14. $\frac{25}{\sqrt{5}}=$

15. $\frac{12\sqrt{2}}{\sqrt{3}}=$ 16. $\sqrt{\frac{2}{11}}=$

17. $\sqrt{\frac{2}{8}}=$ 18. $\frac{24}{5\sqrt{2}}=$

19. $\frac{\sqrt{150}}{\sqrt{2}}=$ 20. $\frac{3}{\sqrt{6}}=$