

NAME _____

DATE _____

Module 15 Simplifying Rational Expressions
Lesson 1 Finding Restricted Values of Rational Expressions

additional practice

State the restricted values for each rational expression.

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|---|-------------------------------------|
| 1. $\frac{x+1}{4}$ _____ | 2. $\frac{2x}{x}$ _____ |
| 3. $\frac{3x}{x-4}$ _____ | 4. $\frac{n+3}{n+5}$ _____ |
| 5. $\frac{h-5}{2h-9}$ _____ | 6. $\frac{4s-8}{2s+6}$ _____ |
| 7. $\frac{2v-5}{v-9}$ _____ | 8. $\frac{y^2-6y}{8}$ _____ |
| 9. $\frac{4z-3}{7z+21}$ _____ | 10. $\frac{4k}{k^2-9}$ _____ |
| 11. $\frac{6u}{u^2-10u}$ _____ | 12. $\frac{3m-6}{4m^2-12m}$ _____ |
| 13. $\frac{6w-9}{2w^2-98}$ _____ | 14. $\frac{3g-9}{16g^3-25g}$ _____ |
| 15. $\frac{7y}{y^2-14y+48}$ _____ | 16. $\frac{x+9}{2x^2+16x+30}$ _____ |
| 17. $\frac{c^2+2c+1}{6c^2-8c-8}$ _____ | 18. $\frac{x-2}{20x^2-7x-3}$ _____ |
| 19. $\frac{d^2-2d-8}{6d^2+29d-5}$ _____ | 20. $\frac{p+4}{21p^2-p-2}$ _____ |



