

Identify the excluded value for each rational function.

2. $y = \frac{4}{x}$

3. $y = \frac{2}{x+3}$

4. $y = -\frac{2}{x}$

5. $y = \frac{16}{x-4}$

Identify the asymptotes.

6. $y = \frac{1}{x-3}$

7. $y = \frac{4}{3x+15}$

8. $y = \frac{2}{3x-5} + 2$

9. $y = \frac{1}{x+9} - 10$

Identify the excluded value for each rational function.

15. $y = \frac{7}{x}$

16. $y = \frac{1}{x-4}$

17. $y = -\frac{15}{x}$

18. $y = \frac{12}{x-5}$

Identify the asymptotes.

19. $y = \frac{9}{x-4}$

20. $y = \frac{2}{x+4}$

21. $y = \frac{7}{4x-12} + 4$

22. $y = \frac{7}{3x+5} - 9$

Page 883 #10-13 all

Graph each function.

10. $y = \frac{2}{x+6}$

11. $y = \frac{1}{x-2} - 6$

12. $y = \frac{1}{x} + 2$

13. $y = \frac{1}{x-3} - 2$

