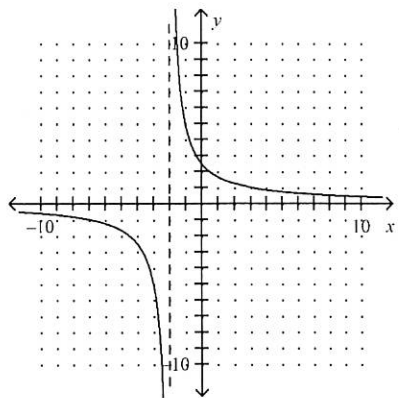
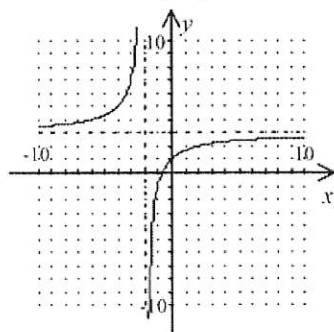


HW #14: SHOW ALL WORK on a separate piece of paper

Answer Section



1.



2.

$$3. f(x) = \frac{16}{2x-5} + 4$$

$$4. f(x) = \frac{2}{3x-1} + 2$$

$$5. \frac{x+1}{(x+3)(2x+3)}$$

$$6. \frac{x+5}{x+8}$$

$$7. \frac{1}{(x-2)^2}$$

$$8. \frac{1}{x-5}$$

$$9. \frac{4}{x+3}$$

$$10. 2$$

$$11. 2x$$

$$12. (x+4)(x-3)$$

$$13. \frac{3}{x^2-2x}$$

$$14. \frac{2(x+3)}{15}$$

$$15. \frac{1}{4}$$

$$16. \frac{10xy+15x}{15y+x^2y}$$

$$17. x^2+4x-6$$

$$18. -1, 6$$

$$19. -4 \text{ (7 is extraneous)}$$

$$20. 5$$

$$21. -1; \text{ (1 is extraneous)}$$

$$22. 3, -2$$

$$23. \frac{5}{2}, 3$$