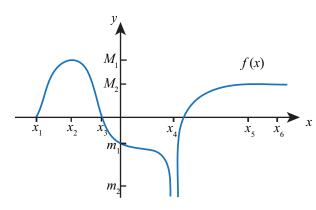
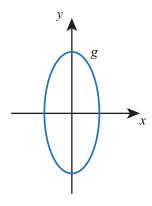
Functions Worksheet





- 1. Find the interval(s) on which f(x) is strictly increasing.
- 6. Find the upper bound and lower bound of f(x) for x < 0.
- 2. Find the interval(s) on which f(x) is constant.
- 7. Is g a function of y or x? Give reasons for your answer.
- 3. Find the interval(s) on which f(x) is decreasing.
- 8. Determine if the function $h(x) = \frac{x^2+1}{x^3}$ is odd or even.
- 4. Find the upper and lower bounds of f(x) on the interval $(0, x_6)$.
- 9. Find the bounds of the function $v(x) = 7 e^{-x}$.
- 5. Is f(x) odd on the interval (x_1, x_3) ?
- 10. Is y defined as $y^2 + y = x$ a function of x?

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