

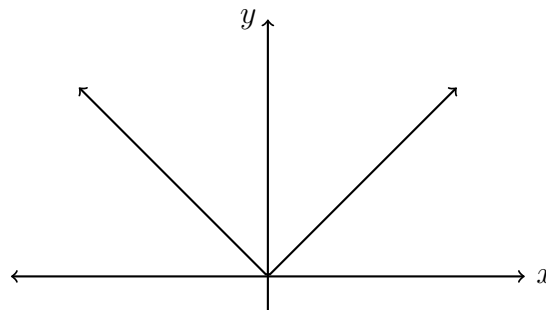
11.13 Exit Quiz: Function identification

HSF.BF.B.3

Identify each function with its name and the equation of its parent (simplest example).
(e.g. line, parabola, square root, absolute value, reciprocal, circle, sine)

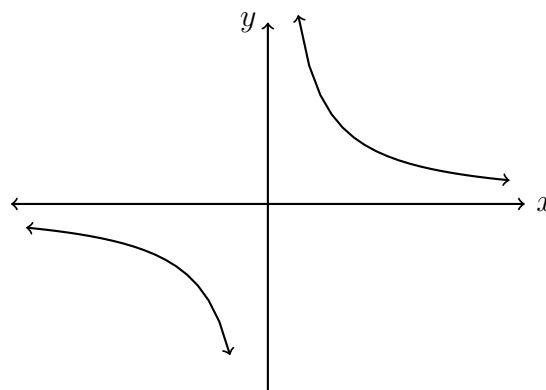
1. Name:

Equation:



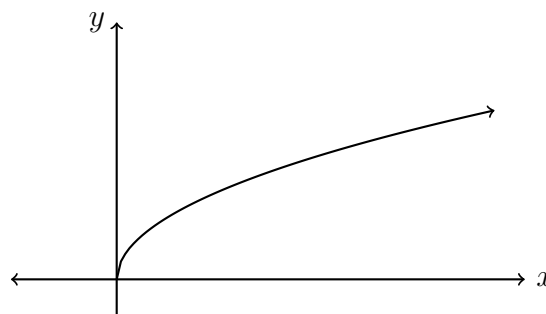
2. Name:

Equation:



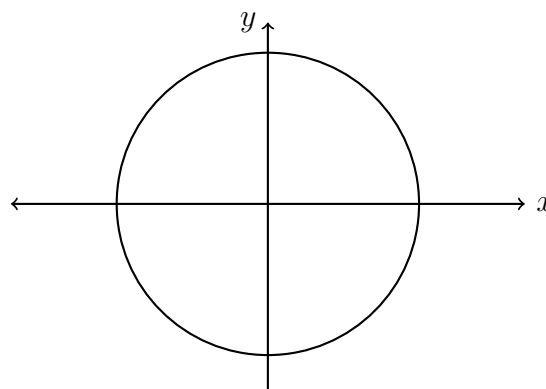
3. Name:

Equation:



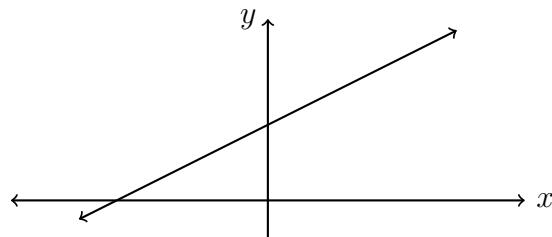
4. Name:

Equation:



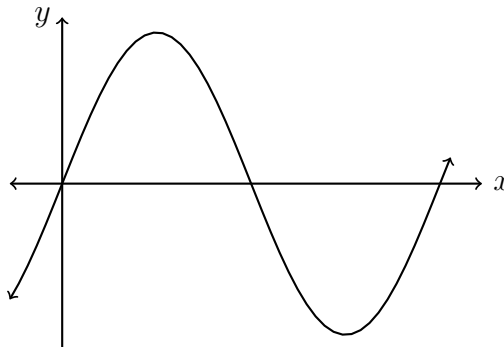
5. Name:

Equation:



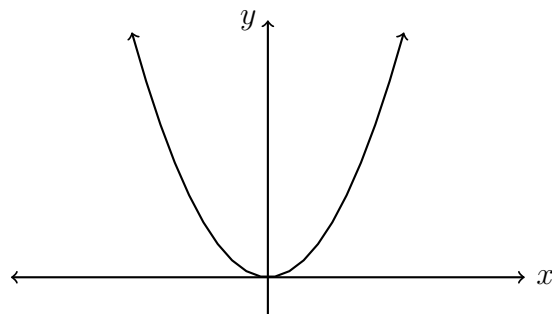
6. Name:

Equation:



7. Name:

Equation:



8. Graph the equation $y + 1 = (x - 2)^2$ on the grid at right for $-1 \leq x \leq 5$.

(a) Mark and label the vertex as a coordinate pair.

(b) Write down the x -intercepts.

(c) Mark and label the y -intercept.

(d) Draw the axis of symmetry and label it with its equation.

