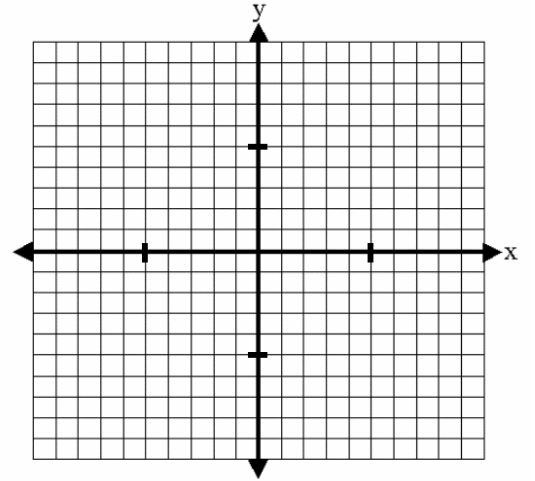


Graph each piecewise function on the graph provided.

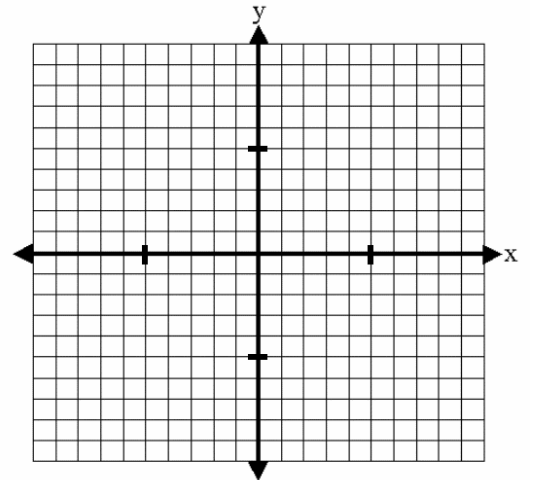
1.

$$f(x) = \begin{cases} \frac{2}{3}x^2 + \frac{20}{3}x + 16, & x \in (-9, -3] \\ 2x + 3, & x \in (-3, 1) \\ \frac{5}{4}(x-2)^2(x-5), & x \in [1, \infty) \end{cases}$$

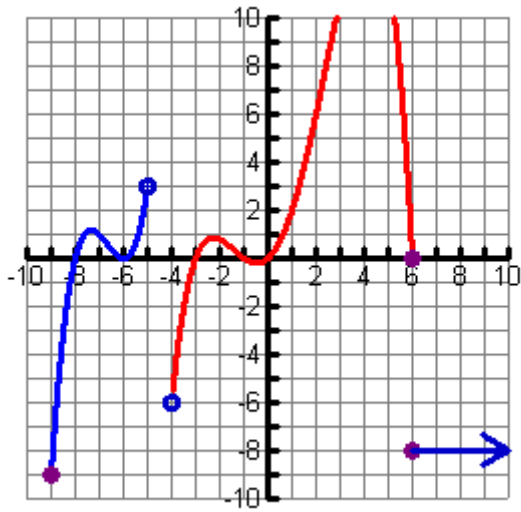


2.

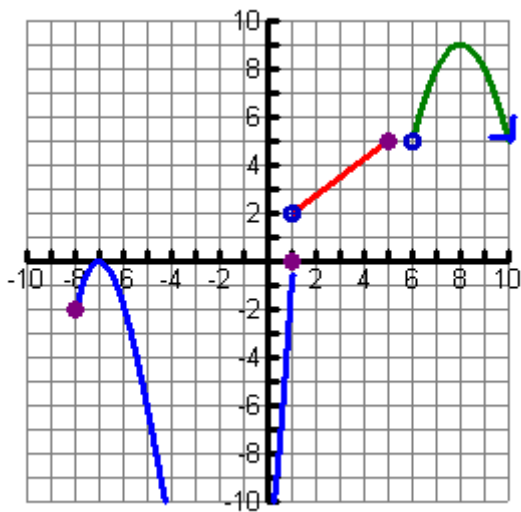
$$f(x) = \begin{cases} \frac{1}{8}x(x+1)(x+3)(x+7), & x \in (-\infty, 1) \\ -3, & x \in [1, 4) \\ -\frac{1}{20}x^3 + \frac{3}{10}x, & x \in [4, \infty) \end{cases}$$



Write the piecewise functions from the graphs given.



$$f(x) = \left\{ \right.$$



$$f(x) = \left\{ \right.$$