Lesson (2-4) Algebra 2
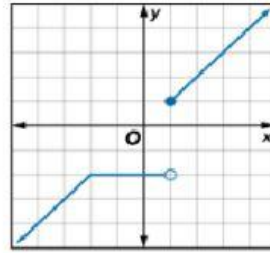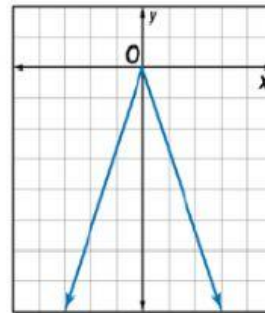
Identify the type of function represented by the graph.

A. linear

B. piecewise-defined

C. absolute value

D. parabolic

Identify the type of function represented by the graph.

A. greatest integer

B. linear

C. quadratic

D. absolute value

The function $f(x) = \begin{cases} 5x, \text{ if } x < 8 \\ 8.5x - 1, \text{ if } 8 \leq x < 16 \\ 12x + 4, \text{ if } x \geq 16 \end{cases}$ gives the amount of money earned for working x hours. How much will an employee earn for working 12 hours?

A. $60

B. $101

C. $102

D. $148