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1) Match the piecewise functions to their graphs:

Function $A=$ Graph $\qquad$ Function $B=$ Graph $\qquad$ Function $C=$ Graph $\qquad$


Progress Check - Piecewise Functions \& Absolute Value Graphing (A8-A11)

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Function $A=$ Graph $\qquad$ Function $B=$ Graph $\qquad$ Function $\mathrm{C}=\mathrm{Graph}$ $\qquad$

2) Fred's Fabulous Fitness Center charges $\$ 29.99$ for the first ten weeks of membership. After the first ten weeks, the center charges $\$ 10.00$ for every additional week. Write a piecewise function for this situation where $w$ is the number of weeks and $c(w)$ is the amount charged.

$$
c(w)= \begin{cases}\square & , \quad,\end{cases}
$$

3) Solve the following absolute value equation by graphing: $|x-6|<3$

Write your solution as a compound inequality AND graph on a number line.
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