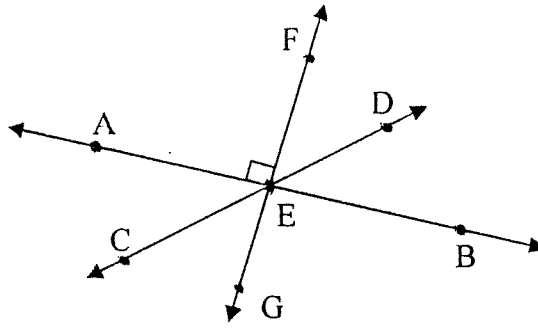


6. Use the diagram to find each.



a. $m\angle AEC = 2x + 30$, $m\angle DEB = 3x + 10$. Find $m\angle FED$ and $m\angle CEB$.

b. $m\angle AEC = 2x + 7$, $m\angle BEC = 5x - 2$. Find $m\angle DEB$ and $m\angle FED$.

c. $m\angle AEC = 12x + 4$, $m\angle GEC = 6x + 14$. Find $m\angle DEB$ and $m\angle FED$.

d. $m\angle AEC = 3x + 5$, $m\angle DEF = 2x - 10$. Find $m\angle DEF$ and $m\angle DEB$.