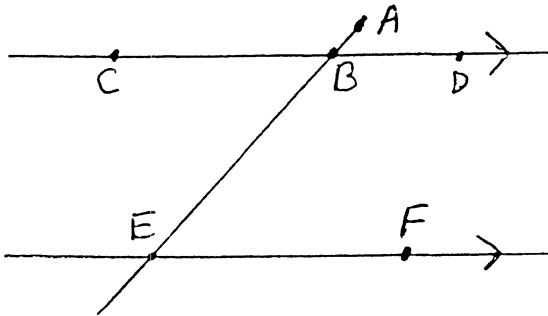ANSWERS

A)_____

B)_____

C)_____

A) Given two parallel lines cut by a transversal. If $\angle ABC = 6x + 6y - 36$, $\angle CBE = 4x$, and $\angle BEF = 3y$; calculate the degree measure of $\angle DBE$.

B) What is the smaller angle formed by the hands of a clock at 4:36?

C) Given two parallel lines. If $\angle ABC = 3x - 5$, $\angle BCD = 110^0$, $\angle CDE = 90^0$, and $\angle DEF = x + 5$; calculate the value of x.