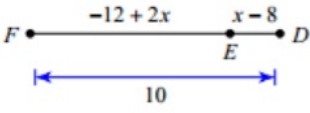


10.5.15

Statements	Justifications	Statements	Justifications
1. $6 = 1 - 2n + 5$ $\begin{array}{r} -6 \\ 0 = -2n + 6 \\ \hline 0 = 2n \\ \hline 0 = n \end{array}$	Combine CLT Subtraction Division	2. Find the length of FE.  $\begin{array}{r} FE + ED = FD \\ -12 + 2x + x - 8 = 10 \\ \hline 3x - 20 = 10 \\ \hline 3x = 30 \\ \hline x = 10 \end{array}$ $\begin{array}{r} 12 + 2(10) = 8 \\ F = 8 \\ (10) - 8 = ED = 2 \end{array}$	SAP Sub CLT Addition Division Substitution

Write an equation to model the situation. Then solve using your justifications.

3. The sum of Fatima's age and Mohamed's age is 33 years. If Fatima is 15 years old, how old is Mohamed?

<u>Given</u>	<u>Unknown</u>	<u>Equation/solve</u>	<u>Sentence</u>
sum M & F age 33 F is 15	M age	$\begin{array}{r} 15 + M = 33 \\ -15 \\ \hline M = 18 \end{array}$	Mohamed is 18 years old.