Correct. Use the definition of sine together with the given information to find e:

$$\frac{e}{15} = \frac{3}{5} \Rightarrow 5e = 45 \Rightarrow e = 9$$

Now use the Pythagorean Theorem to find d, the length of $\overline{FE}$:

$$9^2 + d^2 = 15^2 \Rightarrow 81 + d^2 = 225 \Rightarrow d^2 = 144 \Rightarrow d = 12$$