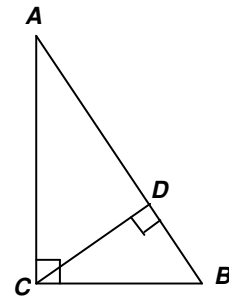**ANSWERS**

A) _____

B) _____

C) _____

A) Given: In right triangle ABC, $AB = 17$, $BC = 8$ and $\overline{CD} \perp \overline{AB}$
   Compute $\sin(\angle ACD)$.

B) In $\triangle ABC$, $a = 10$, $b = 9$ and $c = 11$
   P is an angle of $\triangle ABC$, but it is neither the largest nor the smallest angle.

   As a simplified fraction, $\cos P = \dfrac{m}{n}$. Compute $m + n$.

C) Let $m\angle A = 45°$, $\cos B = \dfrac{\sqrt{3}}{2}$ and $b = 2\sqrt{2}$

   Compute $a^2 + b^2 + c^2$.