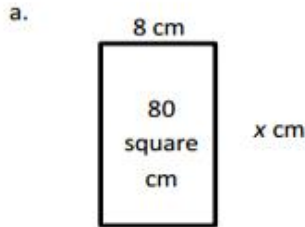


## Animal Enclosures at the Zoo

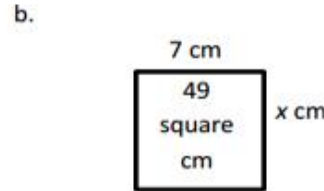


**Directions:** Solve below using an equation. Remember to label solutions using the correct units. After solving, choose which animal at the zoo this enclosure might belong.

1. Given the area of each animal enclosure below, find the unknown side length.

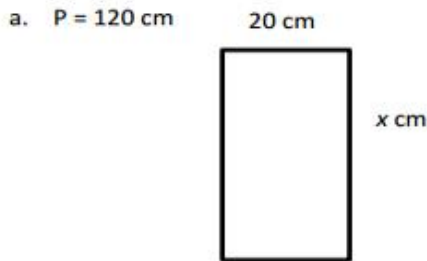


$x = \underline{\hspace{2cm}}$

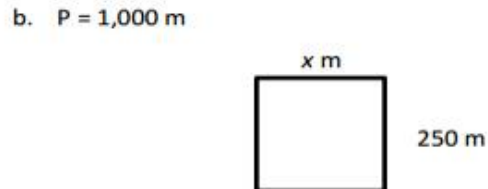


$x = \underline{\hspace{2cm}}$

2. Given the perimeter of each animal enclosure below, find the unknown side length.



$x = \underline{\hspace{2cm}}$



$x = \underline{\hspace{2cm}}$

3. Each of the animal exhibits below is represented in whole number side lengths. Given the area and perimeter, find the length and width.

