

PROBLEM SET VI

1. Old McDonald had a farm which had all cows and ducks. Between the cows and ducks, there were 142 legs. How many cows and ducks did Old McDonald have?



2. Mechanical pencils cost twice as much as regular pencils. Jaheem was bought three mechanical pencils and two regular pencils more than Charlie, and Jaheem spent \$5 dollars more than Charlie. How much does a mechanical pencil cost? A regular pencil?

3. Move three of the toothpicks below so that the fish is swimming in the opposite direction.



4. Two sisters, Lily and Rose, are 3 years apart. Between the two of them, they have lived 15 years. How old is each of Lily and Rose?