Grade: 5   **Category:** Decimals   **Sub Category:** Work problems (Add,Subtract, Multiply)   **Worksheet #:** 117Q

1. A farmer planted mango trees in 2.45 acres of his land and banana trees in 2.1 acres of his land. If he has a total of 6.25 acres of land. How much land remains unplanted?

2. The farmer hired John to get the trees planted. He paid $5.1per hour for the job. How much did the farmer pay to John if he finished the job in 6 hours?

3. The farmer harvested 25 baskets of mangoes. He sold each basket of mangoes for $55.2. How much did the farmer earn if he sold all the baskets at the same rate?

4. He also harvested 20 baskets of bananas. He sold them at the rate of $50.1 per basket. How much did the farmer earn if he sold all the baskets at the same rate?

5. How much did the farmer earn from selling mangoes and bananas?

6. How much did the farmer save after getting all the saplings for $10.4 and after paying John for planting them?

1. Total land   = 6.25 acres
   Total planted land = 2.45 + 2.1 = 4.55 acres
   Unplanted land = 6.25 - 4.55 = 1.70 acres
   Ans. 1.70 acres of land remains unplanted.

2. Amount paid to John for 1 hour work = 5.1$
   Amount paid to John for 6 hours work = 5.1×6 = 30.6$
   Ans. The farmer paid 30.6$ to John.

3. Earning from 1 basket = 55.2$
   Earning from 25 baskets = 55.2×25 =   1380$
   Ans. The farmer earned 1380$ from selling the mangoes.

4. Earning from 1 basket = 50.1$
   Earning from 20 baskets = 55.2×20 = 1,104$
   Ans. The farmer earned 1,104$ from selling the bananas.

5. Earning from selling the mangoes and bananas = 1380 + 1104 = 2484$
   Ans. The farmer earned 2484$ by selling mangoes and bananas.

6. Total earning = 2484$
   Total expenditure = 10.4 + 30.6 = 41$
   Total savings = 2484 - 41 = 2443$
   Ans. The farmer saved 2443$ in all.