

Our Family's Peach Farm: 5th Grade Math Worksheet Answer Key

Name: _____

You are now a Peach Farmer! Answer the following questions to see how farmers use math.

1. Your farm is 8 acres and you can plant 136 seedlings on one acre. How many seedlings do you need for the whole farm?

$$8 * 136 = 816 \text{ seedlings}$$

2. It takes 10 gallons of water every minute to water 1 acre. For your 8 acre farm, how much water do you need to water for 30 minutes?

$$8 * 10 = 80 \text{ gallons for one minute}$$

$$80 * 30 = 2,400 \text{ gallons for 30 minutes}$$

3. Your farm has 6 wagons and you can carry 120 buckets of peaches on each wagon. How many buckets do you need to fill up all your wagons at one time?

$$6 * 120 = 720 \text{ buckets}$$

4. Each bucket can carry 80 peaches. How many peaches can fill up all 6 wagons at one time? Remember each wagon can hold 120 buckets.

$$120 * 8 = 9,600 \text{ peaches for one wagon}$$

$$9,600 * 6 = 57,600 \text{ peaches for six wagons}$$

BONUS: Each tree produces 400 peaches. How many trees should you plant to fill up all your 6 wagons? Hint: It's ok to use your answers from previous questions!

$$57,600/400 = 144 \text{ trees}$$