

CHALLENGE PROBLEMS:

1. The weight of one papaya equals to the weight of a third of a papaya plus 2 pounds. How much does a papaya weigh?

2. The weight of one canteloupe equals to the weight of a half of a canteloupe plus 8 pounds. How much does a canteloupe weigh?

3. The weight of one baby monkey equals to the weight of one 4th of the canteloupe from problem #2 plus 7 pounds. How much does one baby monkey weigh? How much does two baby monkeys weigh?

4. Sean wants to figure out how much his dog weighs. His mom does not want to waste any time so she puts the papaya, the canteloupe, the baby monkey and Sean's dog on the scale all at the same time. The total is 45 pounds. How much does Sean's dog weigh?