

Macario is making 12 pounds of nut mixture with macadamia nuts and almonds. Macadamia nuts cost \$9 per pound and almonds cost \$5.25 per pound. How many pounds of macadamia nuts and how many pounds of almonds should Macario use for the mixture to cost \$6.50 per pound to make?

Estelle is making 30 pounds of fruit salad from strawberries and blueberries. Strawberries cost \$1.80 per pound and blueberries cost \$4.50 per pound. If Estelle wants the fruit salad to cost her \$2.52 per pound, how many pounds of each berry should she use?

Stephanie inherited \$40,000. She wants to put some of the money in a certificate of deposit that pays 2.1% interest per year and the rest in a mutual fund account that pays 6.5% per year. How much should she invest in each account if she wants to earn 5.4% interest per year on the total amount?