

# JACKSON

- ① A cashier needs to refund \$90 using \$10 and \$20 dollar bills. Find all the possibilities for the number of each type of bill the cashier could use.
- ② Terry has 85 cents in nickels and quarters. Find all the possibilities for the number of each type of coin that Terry could have.
- ③ Sam needs \$1.75 in change to make a long-distance phone call from a pay phone. He has a roll of quarters and a roll of dimes. Find all the possibilities for the number of each type of coin that Sam could use.
- ④ A grocer mixed 12 lb of egg noodles costing 80¢/lb with 3 lb of spinach noodles costing \$1.20/lb. What will the cost per pound of the mixture be?
- ⑤ I have three times as many dimes as quarters. If the coins are worth \$6.60, how many quarters are there?
- ⑥ Brian wants to take exactly \$1.00 to the garage sale. If he only has dimes and quarters, what combination of coins could he take?
- ⑦ Wire fencing is shipped in 20 m rolls. What are the integral value dimensions of all rectangular gardens that could be enclosed by exactly one roll?