



## Problem of the Week

### Problem D

### Stack 'em High

You have as many red coins and blue coins as you need to complete this problem. Each red coin is worth \$10 and each blue coin is worth \$25.

Using only red coins and blue coins, create stacks of coins so that each stack has a total value of \$750. No two stacks can have the same number of red coins and each stack must contain at least one red coin and one blue coin.

Determine the maximum number of different stacks of coins that can be made.

