



# 3D - THREE'S A CHARM



After the Folded Frappe, Deb wanted to show Darnell something at the new container store that had just opened up three blocks away. When they got there, they ran into Diana.

“I need some advice,” Deb said. “You both know that I’ve been selling my hand-crafted poker chips on that gambler’s website: See-and-**raise-dot**-com. But I want to package them in cool boxes. And then I just came across these.” Deb held up a crazy looking 18-square array with what looked like little portraits of Clint Eastwood printed repeatedly in many of the squares – and what might have been the back of his head printed in others.

“Oo, that **face! Clint** Eastwood... Dirty Harry...” Diana lowered her voice. “You’re thinking: did he fire six shots or only five...”

“I think it’s perfect,” Deb cut off Diana’s Dirty Harry impersonation. “You’re supposed to cut this up into three pieces to get three boxes out of each sheet, but it doesn’t show you which lines to cut along and which ones to fold along. And before you fold them up, the pieces are all supposed to be the exact same shape. I’m **just not seeing it.**”

“I don’t know” said Diana. “Everyone knows you don’t want to wear sunglasses at a poker game! Opponents will see what you’ve got. You might as well just be using **transparent** cards!”

“I disagree,” said Darnell. “These **boxes are clearly** the best choice.”

“These are the ones,” Deb decided. “The real question is: how did I just stumble upon them when I wasn’t even looking?”



# 3D - THREE'S A CHARM 2/2

Cut along the outer perimeter only, and then figure out how to cut the shape into three congruent pieces – all the exact same shape. Then fold these into three separate cubes.

