Name _____ Date _____

Rangoli contest logic puzzle

Three friends made rangoli for the Diwali contest. Each one has exactly one of each item. Use the clues to mark an X where a pairing is impossible and a dot where it's certain.

	Colour			Design		
	red	yellow	purple	lotus	star	diya
Ava						
Cara						
Dev						
lotus						
star						
diya						

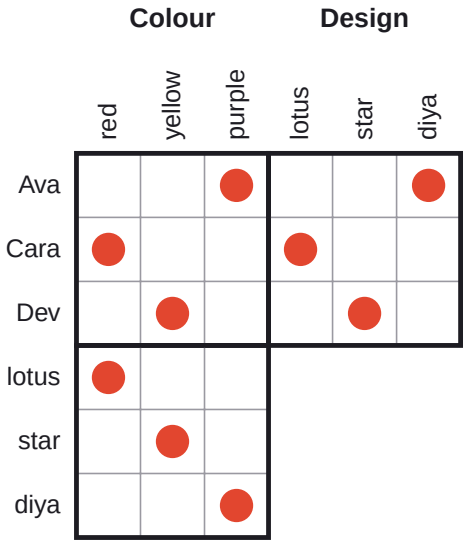
Clues

1. Cara didn't use mostly yellow.
2. Cara didn't draw a diya.
3. Cara didn't use mostly purple.
4. Ava didn't use mostly yellow.
5. The one who used mostly yellow didn't draw a diya.
6. The one who used mostly yellow didn't draw a lotus.

Name _____ Date _____

Answer key: Rangoli contest logic puzzle

Three friends made rangoli for the Diwali contest. Each one has exactly one of each item. Use the clues to mark an X where a pairing is impossible and a dot where it's certain.



Solution

Name	Colour	Design
Ava	purple	diya
Cara	red	lotus
Dev	yellow	star