

Name _____

Date _____

Five artists each hung one piece in the school art show. Each artist made a different kind of art and chose a different color frame.

Use the clues to find each artist's artwork and frame.

Clues

- Will chose the purple frame or the yellow frame.
- Gus made the collage.
- Bella did not choose the orange frame.
- Either the artist who chose the purple frame made the clay pot or the artist who chose the orange frame made the collage, but not both.
- The artist who made the painting chose the yellow frame.
- The artist who made the mask chose the orange frame.
- Either Priya chose the red frame or Bella made the painting, but not both.
- Either Will made the clay pot or Priya made the mask, but not both.

		Artwork					Frame				
		collage	mobile	clay pot	mask	painting	red	green	yellow	orange	purple
Name	Bella										
	Gus										
	Mia										
	Priya										
	Will										
Frame	red										
	green										
	yellow										
	orange										
	purple										

Answers

Bella

_____ artwork
_____ frame

Gus

_____ artwork
_____ frame

Mia

_____ artwork
_____ frame

Priya

_____ artwork
_____ frame

Will

_____ artwork
_____ frame

Stuck? Try it and see

Pick an either/or clue and suppose its first half is true. Mark lightly and keep going. If a row or column ends up with no box left, that half was false, so rub out and mark the other half as true.

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A ● marks a yes and an X marks a no. Every box can be filled in from the clues.

Name	Artwork	Frame
Bella	painting	yellow
Gus	collage	red
Mia	mask	orange
Priya	mobile	green
Will	clay pot	purple

		Artwork					Frame				
		collage	mobile	clay pot	mask	painting	red	green	yellow	orange	purple
Name	Bella	X	X	X	X	●	X	X	●	X	X
	Gus	●	X	X	X	X	●	X	X	X	X
	Mia	X	X	X	●	X	X	X	X	●	X
	Priya	X	●	X	X	X	X	●	X	X	X
	Will	X	X	●	X	X	X	X	X	X	●
Frame	red	●	X	X	X	X					
	green	X	●	X	X	X					
	yellow	X	X	X	X	●					
	orange	X	X	X	●	X					
	purple	X	X	●	X	X					

The try-it-and-see step

Clue 7. Suppose Priya chose the red frame. Follow that through the grid and a row or column runs out of boxes, so it cannot be true. That leaves the other half of the clue: Bella made the painting.