

Five local musicians were invited to participate in the annual talent show along side other acts that were to appear on the stage last week. Each musician plays a different instrument and lived in a different colored house. Unfortunately, out of the 20 acts performing, not one of the musicians placed in the top three. In fact, one of them placed last! Using the clues provided, determine which place each musician ended up in, the instrument he/she played, and the color of the house they lived in.

- Frank placed higher than the musician who plays the Tuba.
- The owner of the gray house plays the piano.
- Aaron neither plays the violin or lives in the orange house.
- The owner of the orange house doesn't play the tuba.
- The musician who placed 14th plays the kettle drums, but does not live in the red house.
- The musician who plays the violin is not Robert.
- The musician who plays the kettle drums finished after Robert.
- The person in eleventh place lives in the orange house.
- The owner of the red house is neither Frank nor Sam.
- Of the 5 people there was the owner of the orange house, Jeanie, the person in eighth place, the musician who plays the violin, and the owner of the green house.
- Frank does not live in the green house.
- The musician in 20th place was Jeanie
- The person in 11th place is not Sam.

		Name	Instrument	House
		Aaron	Piano	Red
		Sam	Violin	Green
		Jeanie	Tuba	Orange
		Robert	Kettle Drums	Brown
		Frank	Flute	Gray

Place		Name	Instrument	House
Sixth				
Eighth				
Eleventh				
Fourteenth				
Twentieth				

House		Name	Instrument	House
Red				
Green				
Orange				
Brown				
Gray				

Instrument		Name	Instrument	House
Piano				
Violin				
Tuba				
Kettle Drums				
Flute				

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- The musician in 20th place was Jeanie
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		Name					Instrument					House				
		Aaron	Sam	Jeanie	Robert	Frank	Piano	Violin	Tuba	Kettle Drums	Flute	Red	Green	Orange	Brown	Gray
Place	Sixth	×	×	×	×	✓	×	✓	×	×	×	×	×	×	✓	×
	Eighth	✓	×	×	×	×	×	×	✓	×	×	✓	×	×	×	×
	Eleventh	×	×	×	✓	×	×	×	×	×	✓	×	×	✓	×	×
	Fourteenth	×	✓	×	×	×	×	×	×	✓	×	×	✓	×	×	×
	Twentieth	×	×	✓	×	×	✓	×	×	×	×	×	×	×	×	✓
House	Red	✓	×	×	×	×	×	×	✓	×	×	×	×	×	×	×
	Green	×	✓	×	×	×	×	×	×	✓	×	×	×	×	×	×
	Orange	×	×	×	✓	×	×	×	×	×	✓	×	×	×	×	×
	Brown	×	×	×	×	✓	×	✓	×	×	×	×	×	×	×	×
	Gray	×	×	✓	×	×	✓	×	×	×	×	×	×	×	×	×
Instrument	Piano	×	×	✓	×	×	×	×	×	×	×	×	×	×	×	×
	Violin	×	×	×	×	✓	×	×	×	×	×	×	×	×	×	×
	Tuba	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×
	Kettle Drums	×	✓	×	×	×	×	×	×	×	×	×	×	×	×	×
	Flute	×	×	×	✓	×	×	×	×	×	×	×	×	×	×	×

	Name	Instrument	House
Sixth	Frank	Violin	Brown
Eighth	Aaron	Tuba	Red
Eleventh	Robert	Flute	Orange
Fourteenth	Sam	Kettle Drums	Green
Twentieth	Jeanie	Piano	Gray

