



Four teenagers went to the same store to buy shoes. They bought shoes of different colors, sizes and prices. Can you find out which size are the shoes that cost \$50?

- The \$30 shoes are white or size 9.
- A girl spent \$10 more than Rudy.
- Wendy didn't buy the \$30 shoes. She doesn't wear number 10 nor 11, and doesn't like brown.
- Brown shoes are 1 size larger than black ones, and Claire bought neither.
- Benjamin spent 40 or 50 dollars. His shoes are not size 8, but are smaller than Rudy's.
- Red shoes are 1 size smaller than those which cost \$60.
- The \$30 shoes aren't brown nor red.
- Exactly one customer chose the color with the same initial of their name.

		Color				Price				Size			
		black	brown	red	white	\$30	\$40	\$50	\$60	8	9	10	11
Shopper	Benjamin												
	Claire												
	Rudy												
	Wendy												
Size	8												
	9												
	10												
	11												
Price	\$30												
	\$40												
	\$50												
	\$60												

	Color	Price	Size
Benjamin			
Claire			
Rudy			
Wendy			

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		Color				Price				Size			
		black	brown	red	white	\$30	\$40	\$50	\$60	8	9	10	11
Shopper	Benjamin	X	✓	X	X	X	X	✓	X	X	X	✓	X
	Claire	X	X	✓	X	X	✓	X	X	✓	X	X	X
	Rudy	X	X	X	✓	✓	X	X	X	X	X	X	✓
	Wendy	✓	X	X	X	X	X	X	✓	X	✓	X	X
Size	8	X	X	✓	X	X	✓	X	X	X	X	X	X
	9	✓	X	X	X	X	X	X	✓	X	X	X	X
	10	X	✓	X	X	X	X	✓	X	X	X	X	X
	11	X	X	X	✓	✓	X	X	X	X	X	X	X
Price	\$30	X	X	X	✓	X	X	X	X	X	X	X	X
	\$40	X	X	✓	X	X	X	X	X	X	X	X	X
	\$50	X	✓	X	X	X	X	X	X	X	X	X	X
	\$60	✓	X	X	X	X	X	X	X	X	X	X	X

	Color	Price	Size
Benjamin	<i>brown</i>	<i>\$50</i>	<i>10</i>
Claire	<i>red</i>	<i>\$40</i>	<i>8</i>
Rudy	<i>white</i>	<i>\$30</i>	<i>11</i>
Wendy	<i>black</i>	<i>\$60</i>	<i>9</i>

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