

## 1 WILL YOU BE MY VALENTINE?

The children in Mrs. Dorsett's third grade class enjoy making and receiving valentines from their classmates, but this Valentine's Day was especially exciting for Krystal and four of her friends. Each girl received a different number of heart shaped candies (5 through 9) and a different, mysterious valentine (one says "You're Great!") from a secret admirer. Comparing notes at recess, the girls believe their valentines came from cute Johnny Dayton who sits in the back. From the information provided, can you determine the number of candies and the valentine each girl received?

1. Lauren (who didn't get seven candies) received fewer candies than the girl who received the "Let's Be Friends" valentine.
2. The child whose note said "Be My Valentine" received more candies than Roxanne (who isn't the one who received the "I Like You" valentine) but exactly two fewer candies than Lauren.
3. One girl received eight candies and a valentine saying "I Choo Choo Choose you!" Angela received exactly one candy fewer than Tracy.

		CANDIES					VALENTINE				
		5	6	7	8	9	BE MY VALENTINE	I CHOO CHOO CHOOSE YOU!	I LIKE YOU	LET'S BE FRIENDS	YOU'RE GREAT!
GIRL	ANGELA										
	KRYSTAL										
	LAUREN										
	ROXANNE										
	TRACY										
VALENTINE	BE MY VALENTINE										
	I CHOO CHOO										
	I LIKE YOU										
	LET'S BE FRIENDS										
	YOU'RE GREAT!										

  

GIRL	CANDIES	VALENTINE

**LOGIC PROBLEM  
SOLUTION**

(Clue numbers in parentheses)

Candies are 5-9 (intro.). Lauren isn't 7, 9 [most] (1), 5 [least], or 6 candies [no 4 candies] (2), so 8 candies, so "Let's Be Friends" is 9 candies [most] (1), "Be My" is 6 candies, and Roxanne's 5 candies [least] (2). 5 candies [Roxanne] isn't "I Like You" (2) or "I Choo Choo Choose You!" [8 candies (3)]; it's "You're Great!" 7 candies is "I Like." Angela isn't 9 [most] (3) or 7 candies [Tracy would be 8 candies [Lauren] (3)]; she's 6 candies, so Tracy's 7 candies (3). Krystal's 9 candies.

In summary:

Angela, 6, "Be My Valentine"

Krystal, 9, "Let's Be Friends"

Lauren, 8, "I Choo Choo Choose You!"

Roxanne, 5, "You're Great!"

Tracy, 7, "I Like You"