

Name _____

Date _____

Five kids each sold one thing at the neighborhood yard sale. Each seller sold a different item and got a different price.

Use the clues to find each seller's item and price.

Clues

1. Cole got more money than Priya.
2. Priya did not get \$2.
3. The seller who sold the lamp got \$6.
4. Tess got \$1 less than Ben.
5. The seller who sold the puzzle got \$2.
6. Either Tess sold the puzzle or Ella sold the lamp, but not both.
7. Of the seller who got \$5 and the seller who got \$6, one sold the guitar and the other sold the lamp.
8. Either Priya or Tess sold the kite.

		Item					Price				
		puzzle	bike	guitar	kite	lamp	\$2	\$3	\$4	\$5	\$6
Name	Ben										
	Cole										
	Ella										
	Priya										
	Tess										
Price	\$2										
	\$3										
	\$4										
	\$5										
	\$6										

Answers

Ben

_____ item
_____ price

Cole

_____ item
_____ price

Ella

_____ item
_____ price

Priya

_____ item
_____ price

Tess

_____ item
_____ price

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.

New to logic puzzles? See printablescholar.com/logic-puzzles/how-to-solve

The Yard Sale

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

Name	Item	Price
Ben	bike	\$3
Cole	lamp	\$6
Ella	guitar	\$5
Priya	kite	\$4
Tess	puzzle	\$2

		Item					Price				
		puzzle	bike	guitar	kite	lamp	\$2	\$3	\$4	\$5	\$6
Name	Ben	X	●	X	X	X	X	●	X	X	X
	Cole	X	X	X	X	●	X	X	X	X	●
	Ella	X	X	●	X	X	X	X	X	●	X
	Priya	X	X	X	●	X	X	X	●	X	X
	Tess	●	X	X	X	X	●	X	X	X	X
Price	\$2	●	X	X	X	X					
	\$3	X	●	X	X	X					
	\$4	X	X	X	●	X					
	\$5	X	X	●	X	X					
	\$6	X	X	X	X	●					

The try-it-and-see step

Clue 6. Suppose Ella sold the lamp. 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: Tess sold the puzzle.