

Name _____

Date _____

Four friends each brought one pet to the school pet show. Each friend is a different age and won a different color ribbon.

Use the clues to find each friend's age and ribbon.

Clues

1. The friend who is 10 won the red ribbon.
2. The friend who won the blue ribbon is one year younger than Jack.
3. Either Jack or Kai won the green ribbon.
4. The friend who won the yellow ribbon is one year older than Mia.
5. The friend who is 8 won the yellow ribbon.

		Age				Ribbon			
		7	8	9	10	blue	yellow	green	red
Name	Jack								
	Kai								
	Mia								
	Priya								
Ribbon	blue								
	yellow								
	green								
	red								

Answers

Jack

_____ age
_____ ribbon

Kai

_____ age
_____ ribbon

Mia

_____ age
_____ ribbon

Priya

_____ age
_____ ribbon

Three grids, one answer

A ● joins two things, so they share every other mark. When you find a ●, look along both of its lines into the other grids and copy each X and ● from one to the other.

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

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

Name	Age	Ribbon
Jack	8	yellow
Kai	9	green
Mia	7	blue
Priya	10	red

		Age				Ribbon			
		7	8	9	10	blue	yellow	green	red
Name	Jack	X	●	X	X	X	●	X	X
	Kai	X	X	●	X	X	X	●	X
	Mia	●	X	X	X	●	X	X	X
	Priya	X	X	X	●	X	X	X	●
Ribbon	blue	●	X	X	X				
	yellow	X	●	X	X				
	green	X	X	●	X				
	red	X	X	X	●				