Logic Grid Puzzles

Grades 2-5 | 2 puzzles | Each has exactly one answer coolmathgame.co.uk

Name: _____ Date: _____

Read every clue. Put an X in a box when a match is impossible and an O when it must be true. Each person matches exactly one item in each group.

Puzzle 1: Pet Day (easy)

1. Ava does not have the fish.
2. Ben does not have the dog.
3. The cat does not belong to Ben.
4. Cara does not have the dog.

	cat	dog	fish
Ava			
Ben			
Cara			

Puzzle 2: The Book Fair (medium)

Four students each buy a different book on a different day from Monday to Thursday.

1. Vic shops the day before Uma.
2. Sami does not shop on Thursday.
3. Either Tara or Vic shops on Wednesday.
4. The cookbook buyer shops on Thursday.
5. The joke book is bought by Tara or Uma.
6. The atlas buyer shops on Monday.

	Mon	Tue	Wed	Thu	atlas	cookbook	joke	poetry
Sami								
Tara								
Uma								
Vic								

Logic Grid Puzzles - Answer Key

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Puzzle 1: Pet Day (easy)

1. Ava does not have the fish.
2. Ben does not have the dog.
3. The cat does not belong to Ben.
4. Cara does not have the dog.

	cat	dog	fish
Ava	X	O	X
Ben	X	X	O
Cara	O	X	X

Puzzle 2: The Book Fair (medium)

Four students each buy a different book on a different day from Monday to Thursday.

1. Vic shops the day before Uma.
2. Sami does not shop on Thursday.
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4. The cookbook buyer shops on Thursday.
5. The joke book is bought by Tara or Uma.
6. The atlas buyer shops on Monday.

	Mon	Tue	Wed	Thu	atlas	cookbook	joke	poetry
Sami	O	X	X	X	O	X	X	X
Tara	X	O	X	X	X	X	O	X
Uma	X	X	X	O	X	O	X	X
Vic	X	X	O	X	X	X	X	O

Puzzle 1: Ava - dog, Ben - fish, Cara - cat

Puzzle 2: Sami - Monday, atlas, Tara - Tuesday, joke, Uma - Thursday, cookbook, Vic - Wednesday, poetry

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