

**Logic Grid**  
*Critical Thinking*

**Directions:** Read the clues and determine the answers by marking the boxes. Place a “0” in the box if it is true.  
Place an “X” in the box if it is untrue.

1. Kim is a computer engineer who travels frequently in her job. Determine where and when she traveled.

	Japan	China	France	Chicago
January	x	x	x	0
February	0	x	x	x
July	x	x	0	x
November	x	0	x	x



In January, Kim did not go to Asia. The month she went to China does not have a “y”. On one trip, the place and city have the same number of letters. She went to France after Chicago and Japan.

2. Ned, Kelly, Naomi, Flora, and Tim won prizes at the raffle. The prizes included a pineapple, cupcake, magazine, phone case, and a wig. Who won each prize?



	Ned	Kelly	Naomi	Flora	Tim
Pineapple	x	x	x	0	x
Cupcake	x	0	x	x	x
Magazine	0	x	x	x	x
Phone Case	x	x	x	x	0
Wig	x	x	0	x	x

Ned likes to read, so his gift was perfect. Naomi cannot eat her prize but Kelly can. Neither the phone case, nor the wig was given to Flora. Either Flora or Ned won the pineapple. Tim received either the cupcake or the phone case.

3. The music teachers include Adam, Bert, Callie, and Denise. Each plays a different instrument: trumpet, violin, drums, or piano. Create a logic grid and determine who teaches which instrument.

---	Adam	Bert	Callie	Denise
Piano	x	x	x	0
Violin	x	0	x	x
Drums	0	x	x	x
Trumpet	x	x	0	x



Adam likes playing the rhythm for his students. Callie can walk around when she plays her instrument. Denise plays an instrument that requires only one hand. Bert does not play the trumpet.

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