

Logical Father's Day Gifts

Four teenagers (Billy, Jeff, Shaun, and Evan) went shopping for Father's Day gifts (T-shirt, fishing pole, coffee mug, and baseball cap). Each boy bought a different gift for his father. The fathers' names were Joe, Dave, Jim, and Bob. From the clues, determine who is the father of each teenager and which gift the teenager bought.



1. Jeff did not buy his father a coffee mug.
2. Dave's son knew he wouldn't wear a baseball cap.
3. Evan bought his father Dave a gift for the outdoors.
4. Jeff and Billy did not buy a fishing pole.
5. Shaun and Jim are not related.
6. Shaun's father loves coffee.
7. The T-shirt was a gift for Bob.
8. Billy did not buy a baseball cap.

Tip: Put check marks (✓) and minus signs (—) in the boxes. You should end up with two ✓s under each teenager's name—one next to his father and one next to a gift.

	Billy	Jeff	Shaun	Evan
Joe				
Dave				
Jim				
Bob				
T-shirt				
Coffee mug				
Baseball cap				
Fishing pole				

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(solution)

- What do we know right off the bat? According to clue #3, Evan's father is Dave, and Evan bought his father a gift for the outdoors. According to clue #2, Evan's father would not wear a baseball cap, and according to clue #7, Bob got the T-shirt. Also, Shaun's father loves coffee as noted in clue #6. Therefore, Shaun must have bought a coffee mug. That leaves the fishing pole for Evan's father, Dave.
- According to clue #5, Shaun and Jim are not related. Shaun and Bob can't be related either because Shaun bought a coffee mug and Bob received a T-shirt. The only father left for Shaun is Joe.
- According to clue #8, Billy did not buy his father a baseball cap. Since it was already established that Shaun bought the coffee mug and Evan bought the fishing pole, Billy must have bought the T-shirt for his father, Bob. Therefore, Jeff, the only teenager left, bought the baseball cap.
- It has been established that Evan's father is Dave, Shaun's father is Joe, and Billy's father is Bob; therefore, Jim must be Jeff's father.

	Billy	Jeff	Shaun	Evan
Joe			√	
Dave				√
Jim		√		
Bob	√			
T-shirt	√			
Coffee mug			√	
Baseball cap		√		
Fishing pole				√

Billy bought the T-shirt for his father, Bob.

Evan bought his father, Dave, a fishing pole.

Jeff bought the baseball cap for his father, Jim.

Shaun bought the coffee mug for his father, Joe.