

## "Second day of Christmas" walkthrough

This follows on from the "First day of Christmas" puzzle. Assuming that all the squares are truly square then the middle is equidistant from all the trees so

**C3 is A.**

And from option B

**B1 is B.**

This tells us that E2 will be the new Cherry (though this does not go in the diagram) and option C means

**A1 is C.**

This tells us that squares above and below an existing tree will not be used – this is shown on the diagram below with unavailable squares shaded (using orange for the new Cherry, which is a special case).

C	B		Cherry	
Plum				Apple
		A		
Apple				
	{Cherry}		Pear	

Option D needs an available space by both the Plum and an Apple so

**C2 is D**

There are 2 possible intersections of lines between existing trees B3 (on Plum/Apple and Apple/Cherry) and B4 (on Plum/Apple and Pear/Cherry) but B4 is unavailable so

**B3 is E**

This rules out squares that would ever give 3 trees on a diagonal

C	B		Cherry	
Plum		E		Apple
	D	A		
Apple				
	{Cherry}		Pear	

So there is only one square between the new Cherry and the Pear and

**E3 is F**

This rules out squares that would ever give 3 trees in a row

C	B		Cherry	
Plum		E		Apple
	D	A		
Apple				
	{Cherry}	F	Pear	

The Northern half of the orchard does not include the bottom 2 rows so

**A3 is G**

and hence

**D5 is Pear**

Filling in the rest of the squares completes the puzzle