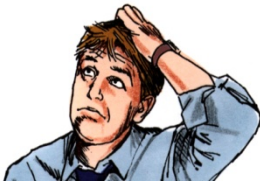


QUESTION FOR TEACHERS

Question No.	:	4
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CONFUSED FARMER IN KASHMIR



A farmer in Kashmir wants to grow apple trees in his orchard. The orchard consists of plots that are square shaped. However, he also



needs to plant conifers to protect the apple trees from cold winds that blow throughout the year. He approached the old man in his village and asked him to design the field so that he can protect his apple trees with the conifers.

The design given below are the ones given by the old man for the first 4 plots.

Plot 1	Plot 2	Plot 3	Plot 4
X X X	X X X X X	X X X X X X X	X X X X X X X X
X ● X	X ● ● X	X ● ● ● X	X ● ● ● X
X X X	X X	X X	X X
	X ● ● X	X ● ● ● X	X ● ● ● X
	X X X X X	X X	X X
		X ● ● ● X	X ● ● ● X
		X X X X X X X	X X
			X ● ● ● X
			X X X X X X X X

X = conifer tree
● = apple tree

Help the farmer find out the number of apple and conifer trees in the other plots (Plot no. 5 to Plot no. 17).