

COUPLES PUZZLE

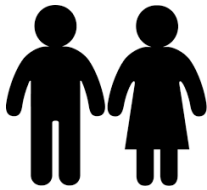


In a small village two thirds of the adult men are married to three quarters of the adult women.

How big is the smallest village for which this is true?

Can you describe the populations of other villages for which this is true?

HELP



Cut out some of these figures (see below). Arrange them in pairs and singly to fit the conditions of the question.

Try a few numbers and see if you can find the answer.

What about 3 couples, or 4 couples or 5 couples...? Why don't these numbers for 3, 4 and 5 couples work?

How many men in the village if two thirds of the adult men are married?

How many women in the village if three quarters of the adult women are married?

NEXT

Make up your own example with different numbers and swap it with a friend so you have to solve each other's puzzles.

