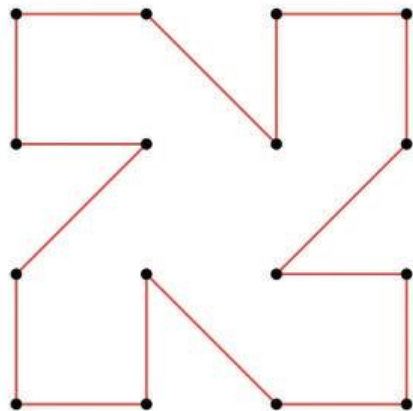# Join the Conversation

Mittoo and Mini find an abandoned puppy on the road. Wonder what they would do with it? Imagine a conversation between the two and fill in the speech bubbles.
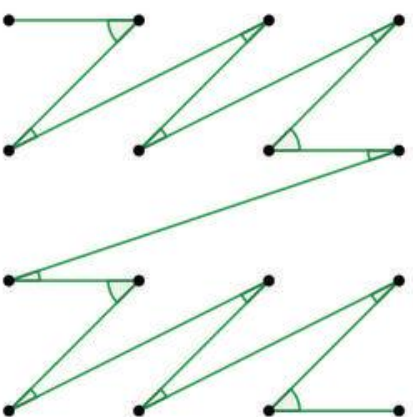
Take a picture or scan the completed strip and send it to school@thehindu.co.in with the subject: Join the Conversation. The best entries will be published.   Concept: R. Keerthana. Illustration: K.G. Rangarajan
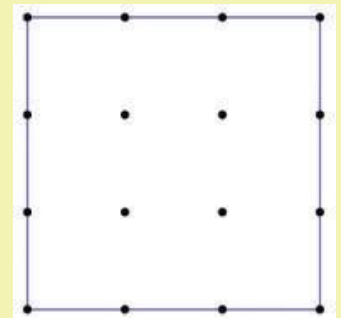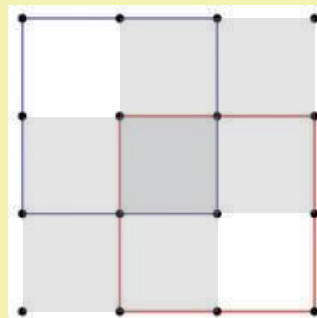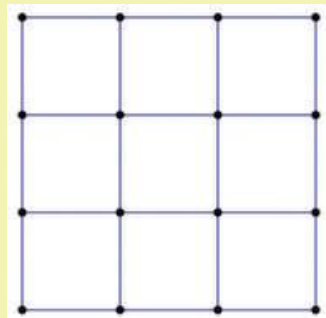
Here are the answers for the puzzles on page 26.

1. You can make a 16-gon on the grid as follows:

3. You connect all 16 points with an acute angle at every point this way:

2. There are nine 1 by 1 squares, four 2 by 2 square (one in each corner – two with borders and two filled with colour in the second image), and one large 3 by 3 square. That takes the total to 14.

But there are others too! If you angle the grid, there are four "diagonal" squares – note that these only count if all four corners are on the grid. Finally, there are two more that are skewed even more. That's a total of 20 grid squares that can be formed in the 4 by 4 dot grid.