Math Kangaroo Level Books
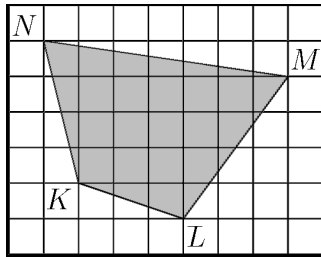
Cadet (중1-2)
(샘플 문제)

1. One of the following nets cannot be folded to form a cube. Which one?

(A)　　(B)　　(C)　　(D)　　(E)
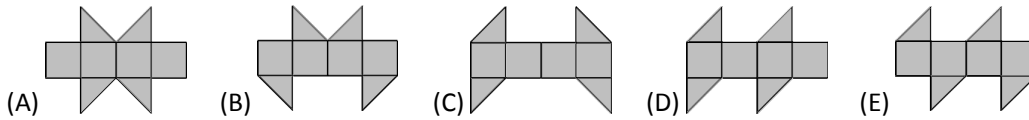
2. The diagram shows a shaded quadrilateral *KLMN* drawn on a grid. Each cell of the grid has sides of length 2 cm. What is the area of *KLMN*?

(A) 96 cm^2　　(B) 84 cm^2　　(C) 76 cm^2　　(D) 88 cm^2　　(E) 104 cm^2

3. Four cars enter a roundabout at the same time, each one from a different direction, as shown in the diagram. Each of the cars drives less than a full round of the roundabout, and no two cars leave the roundabout in the same direction. How many different ways are there for the cars to leave the roundabout?
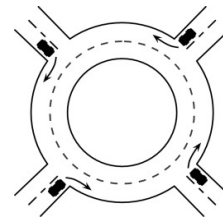
(A) 9　　(B) 12　　(C) 15　　(D) 24　　(E) 81

4. Nick, Ryan, Simon and James from the band Dandelion sang a few songs at their first concert. Always three of them were singing, and one was playing the guitar in accompaniment. James sang the most songs of all of them – 8. Ryan sang 5 songs, which was fewer than anyone else from the group. How many songs did Dandelion sing at their first concert?

(A) 8　　(B) 9　　(C) 10　　(D) 13　　(E) 26