# Drawing stars

Elf Stella loves to draw stars. She has invented a system for labelling her stars according to their shape. She uses two numbers:

- First, the number of dots in the star
- Second, a number that shows how to connect dots:
  - 1, if each dot is connected to its closest dot
  - 2, if each dot is connected to its 2nd closest dot
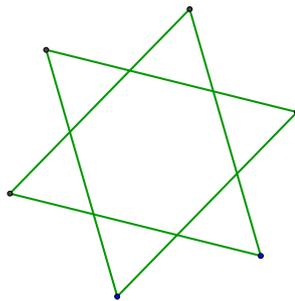 - 3, if each dot is connected to its 3rd closest dot
  - and so on.

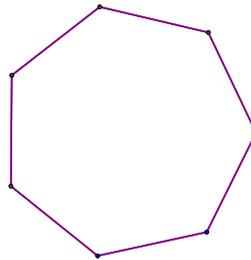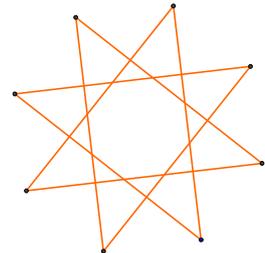Below are four examples of Stella's labelling system.
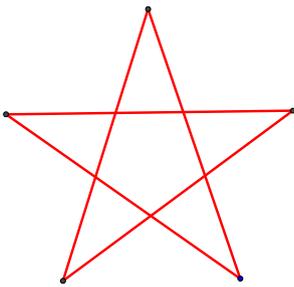
5 : 2 **6 : 2** **7 : 1** **8 : 3**

QUESTION

How would Stella label this star?

A. 9 : 3

B. 9 : 4

C. 10 : 3

D. 10 : 4