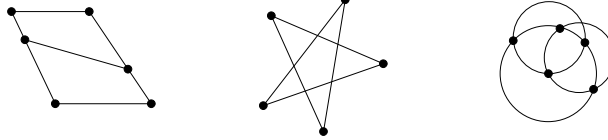
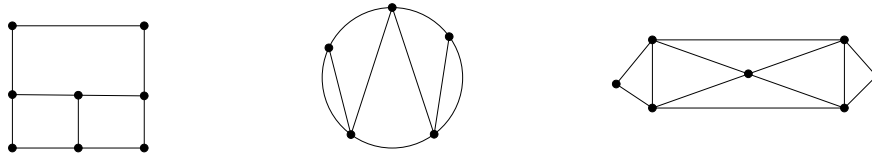


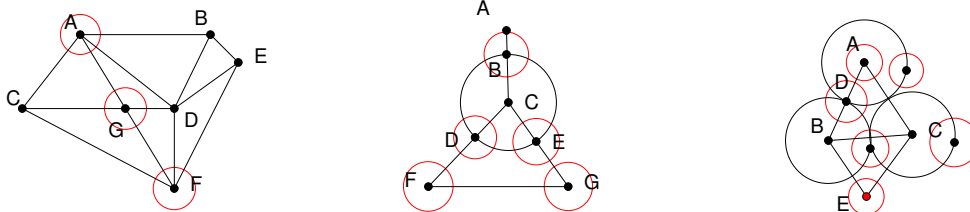
1. All three can be drawn in one stroke.



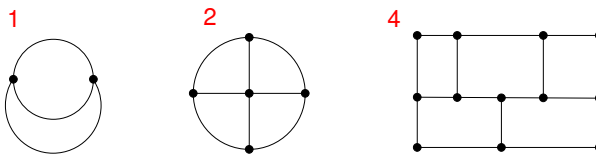
2. The first figure cannot be drawn because it has 4 odd points so it takes a minimum of 2 strokes to draw. Because the second figure only has 2 odd points and the third figure has no odd points, they can both be drawn in one stroke.



3. Circle all the even points in the following diagram.



4. For all of them, start at an odd point and try to end at an odd point.
5. What will be the minimum number of strokes to draw each of the following diagrams?



6. There are 20 possible ways to work from A to B in a minimum number of meters. They are all equivalent to the red path shown in the diagram. In general, you have to move to the right three times and up three times, a total of $6 \times 100 = \boxed{600 \text{ meters}}$

