

## Math Kangaroo 2014 Sample Questions - Levels 1 & 2

1. The ladybug will sit on a flower that has five petals and three leaves. On which of the flowers below will the ladybug sit?

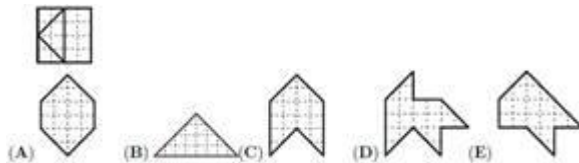


2. If you start at the arrow and move along the line, in what order do you meet the shapes?



- (A) ▲, ■, ● (B) ▲, ●, ■ (C) ●, ▲, ■ (D) ■, ▲, ● (E) ■, ●, ▲

11. A square was cut into 4 parts as shown in the picture below. Which of the following shapes cannot be made using only these 4 parts?



12. Which of the shapes shown below will fit the above shape exactly to make a rectangle?

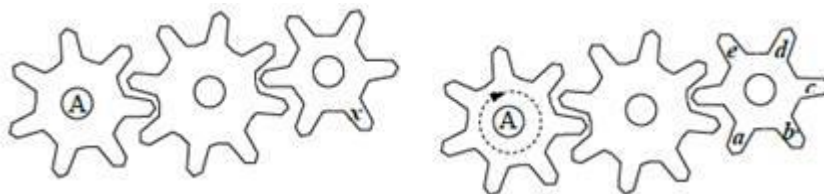


23. Fred has 4 red cubes, 3 blue cubes, 2 green cubes and 1 yellow cube. He builds a tower (see the picture) in such a way that no two adjacent cubes have the same color. What color is the cube with the question mark?



- A) red B) blue C) green D) yellow E) It is impossible to determine.

24. Cogwheel A turns around completely once. At which place is x now?



A) *a*

B) *b*

C) *c*

D) *d*

E) *e*