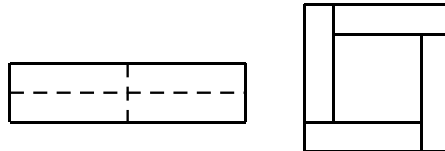


2023 GEP Selection Test Timed Daily Practice

Day 3-Geometry

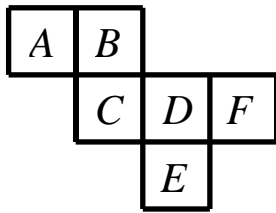
Time: 20min Full marks: 20 points Name: _____ Score: _____

1. (5 points) As shown in the figure, divide a rectangle into four identical small rectangles, and then use them to form a square. If the perimeter of the large square is 48cm, what is perimeter of the original rectangle?

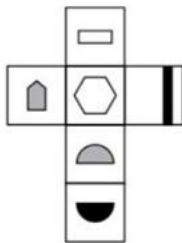


2. (5 points) If a rectangle is reduced by 3 meters in length and width respectively, its area will decrease by 36 square meters. What was the original perimeter of this rectangle?

3. (3 points) After folding the figure into a cube, what is the letter opposite A?



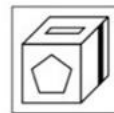
4. (3 points) Which of the four cubes can be made from the left figure?



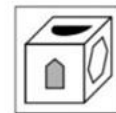
a



b



c



d

5. (4 points) The sum of the points on the two opposite sides of each cube is 7. The two cubes placed in the figure below are exactly the same. So what is the sum of the points on the contact surface of the cube in this figure?

