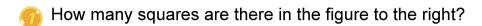
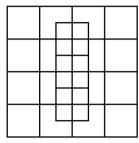
DAY 2: Square and Rectangle



Self-Checking





A. 46

B. 47

C. 45

D. 37

One side of a rectangle is 8 cm long, while the other is half as long. A square has the same perimeter as the rectangle. What is the side length of the square?

A. 4 cm

B. 6 cm

C. 8 cm

D. 12 cm

Each of the four neighbors owns a rectangular plot of land with the same length and width as shown below. The parts of the land with flowers growing on them are fenced in (solid line in the pictures). Who has the longest fence?

Α.

Mr. Adam

B.

Mr. John

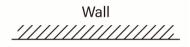
C. Mr. Jack

D.

DAY 2: Square and Rectangle



Grandpa Hugh wants to build a rectangular sandbox with a length of 8 m and a width of 4 m for his grandson. One side of the sandbox is a wall, and Grandpa Hugh wants to build a fence around the other 3 sides. What length of the fence will be needed? (Hint: Draw pictures first!)



 \bigcirc James has a wire that is 28 cm long. He uses it to make a rectangular photo frame with a length of 8 cm. What is the area inside the photo frame?

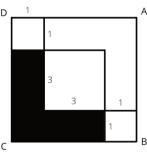
A. 28

B. 36

C. 48

D. 56

Figure *ABCD* is a square. Inside this square, three smaller squares are drawn with the side lengths as labeled. The area of the shaded L-shaped region is _____.



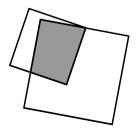
A. 6

B. 7

C. 8

D. 9

The side lengths of the large square and the small square are 6cm and 4cm respectively. The difference in area between the two white regions is _____ cm².



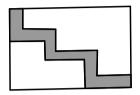


DAY 2: Square and Rectangle



Bonus Tests

As shown in the figure, there is a grass path on a rectangular lawn measuring 40m by 20m. The widths of the grass path are 2m. Find the area of the grass path.



Three 6 cm by 6 cm squares are overlaid as shown in the following figure. Find the area of the whole figure.

