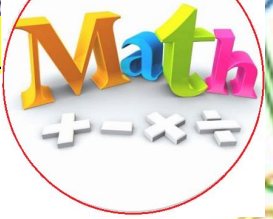


Name: \_\_\_\_\_

Section: \_\_\_\_\_



**WRITE YOUR NAME  
OR NO GRADE!!!**

### Homework

Homework is due on **MONDAY APRIL 22**

### Reminders

Please remember that homework is just a reinforcement of what we do in class. When a scholar completes homework, they are retaining the information. A scholar who does not complete the homework is more likely to forget what was learned in class.

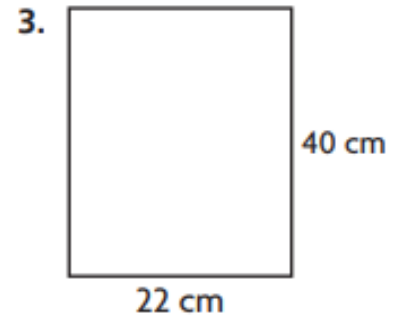
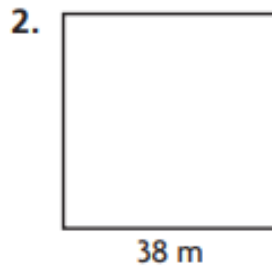
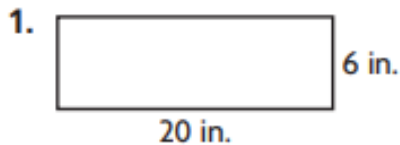
### Notes

- Homework is graded for completion. **However, students must show their work.** Students will lose 50% of the points if they turn in homework showing no work, even if the answers are present.
- **I will not accept homework more than four days late.** If the homework is **due on Monday**, the last day to turn it in will be **Friday**. Late homework will have points deducted. Homework will be graded as follows:
  - o On time and complete/work shown: 100%
  - o One day late: deduct 11 %
  - o Two days late: deduct 21 %
  - o Three days late: deduct 31%
  - o Four days late: deduct 41%
  - o Five days or more late: Z

Please feel free to contact me with any questions or concerns at [natalie.roman@archimedean.org](mailto:natalie.roman@archimedean.org).

<input type="checkbox"/>	<u>Monday</u>	April 15	Perimeter and Area
<input type="checkbox"/>	<u>Tuesday</u>	April 16	Perimeter and Area of Composite Figures
<input type="checkbox"/>	<u>Wednesday</u>	April 17	Different Areas- Perimeters
<input type="checkbox"/>	<u>Thursday</u>	April 18	Find Unknown Side
<input type="checkbox"/>	<u>Friday</u>	April 19	Find the Area

Find the perimeter and the area of each rectangle or square.

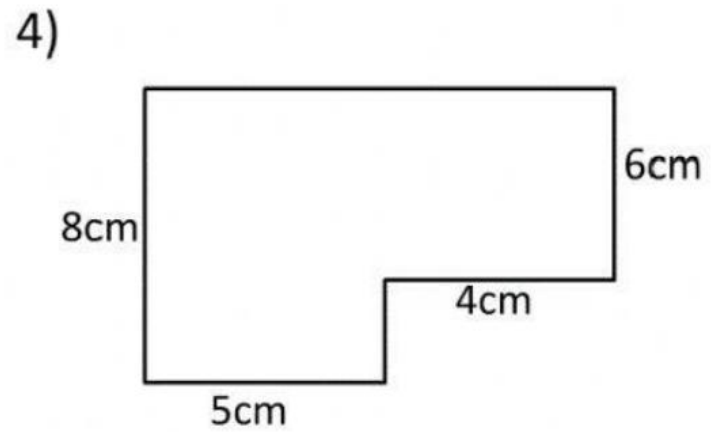
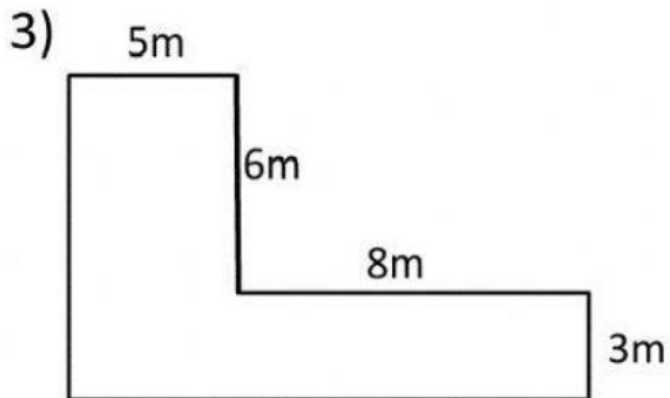
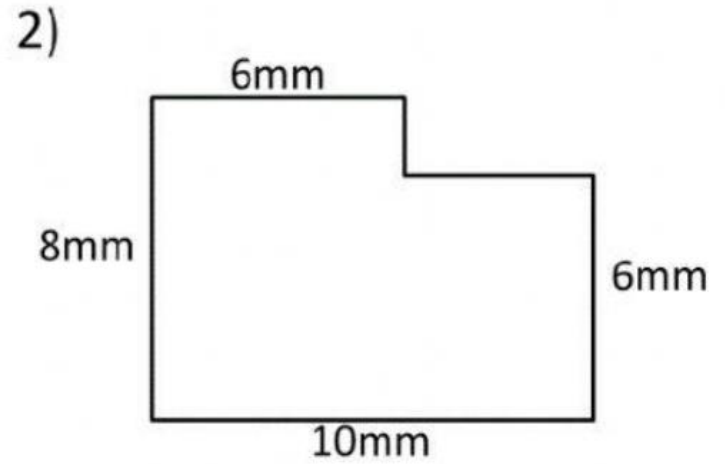
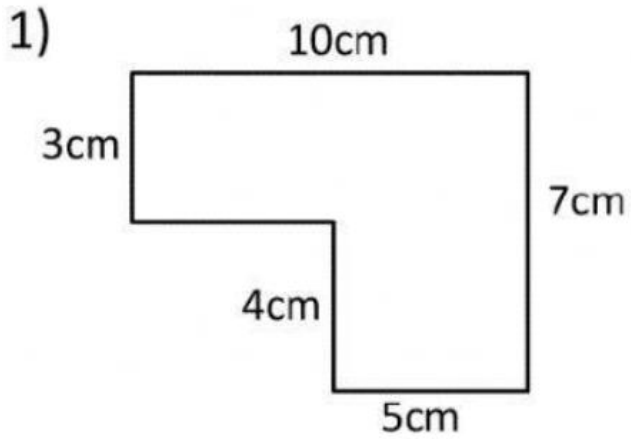


4. Tre is making a banner shaped like a square. Each side measures 24 inches. He wants to add a border along all sides. He has 75 inches of border. Does he have enough border?
5. The width of the play area at a park is 80 feet. The length is three times as long as its width. What is the perimeter of the play area?

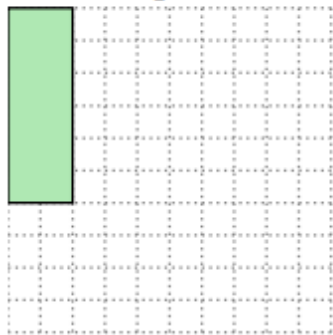
Fatima is putting wallpaper on a wall that measures 8 feet by 12 feet. How much wallpaper does Fatima need to cover the wall?

6. Mehul is laying down sod in his yard to grow a new lawn. Each piece of sod is a 1-foot by 1-foot square. How many pieces of sod will Mehul need to cover his yard if his yard measures 30 feet by 14 feet?

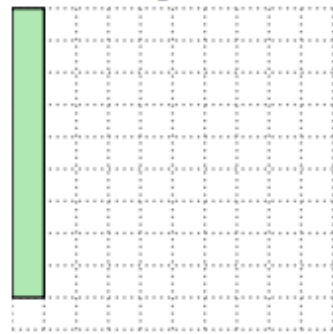
Find the area and perimeter of each figure.



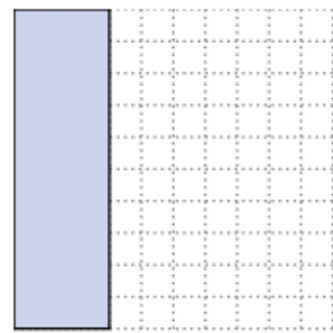
The rectangle below has the dimensions  $2 \times 6$ . Create a rectangle with the same area, but a different perimeter.



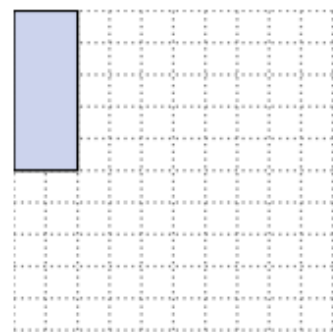
The rectangle below has the dimensions  $1 \times 9$ . Create a rectangle with the same area, but a different perimeter.



The rectangle below has the dimensions  $3 \times 10$ . Create a rectangle with the same perimeter, but a different area.

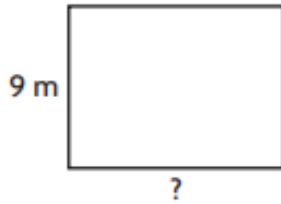


The rectangle below has the dimensions  $2 \times 5$ . Create a rectangle with the same perimeter, but a different area.

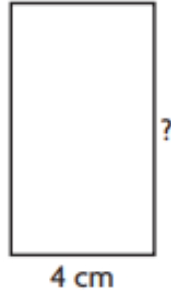


Find the measurement of the unknown side.

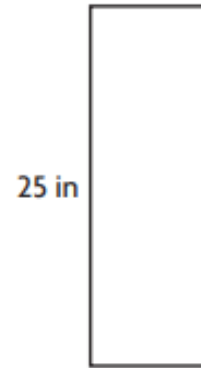
Find Unknown Side



Perimeter = 42 meters



Area = 28 square centimeters

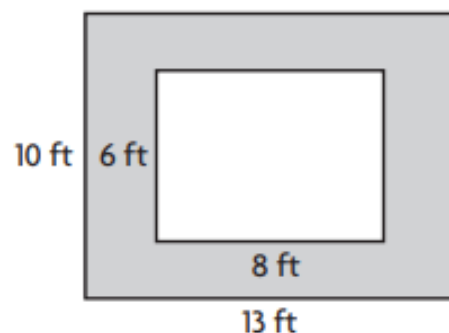


Area = 200 square inches

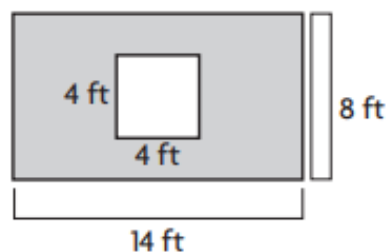
Ana is an organic vegetable grower. The perimeter of her rectangular vegetable garden is 72 yards. The width of the vegetable garden is 9 yards. How long is the vegetable garden?

Nguyen used 112 inches of blue yarn as a border around her rectangular bulletin board. If the bulletin board is 36 inches wide, how long is it?

A room has a wooden floor. There is a rug in the center of the floor. The diagram shows the room and the rug. How many square feet of the wood floor still shows?

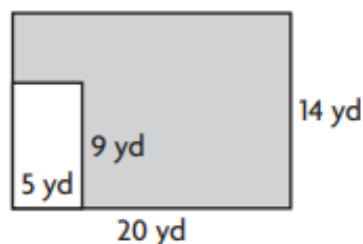


A rectangular wall has a square window, as shown in the diagram.



What is the area of the wall NOT including the window?

Bob wants to put down new sod in his backyard, except for the part set aside for his flower garden. The diagram shows Bob's backyard and the flower garden.



How much sod will Bob need?