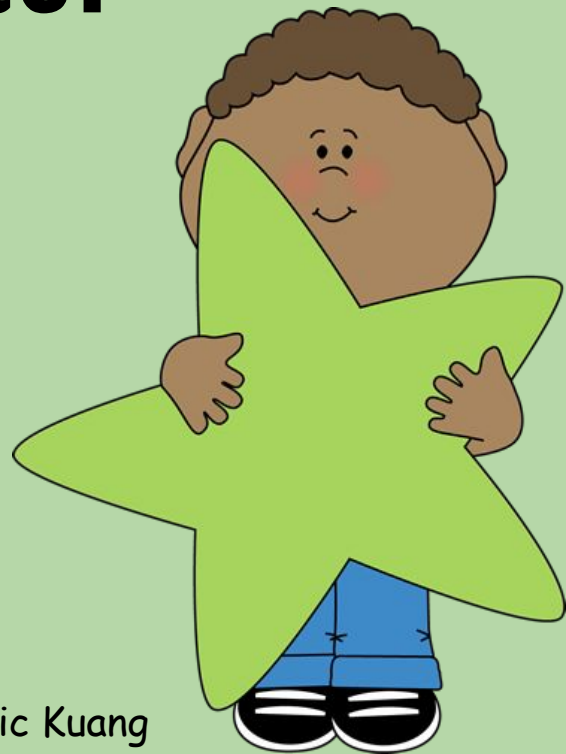
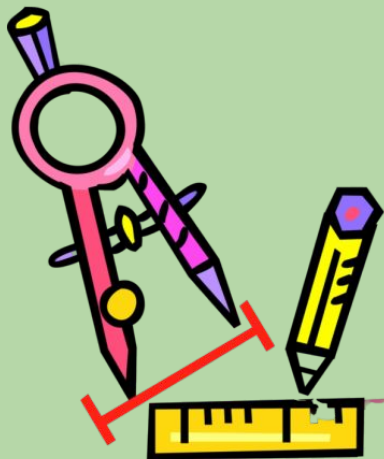
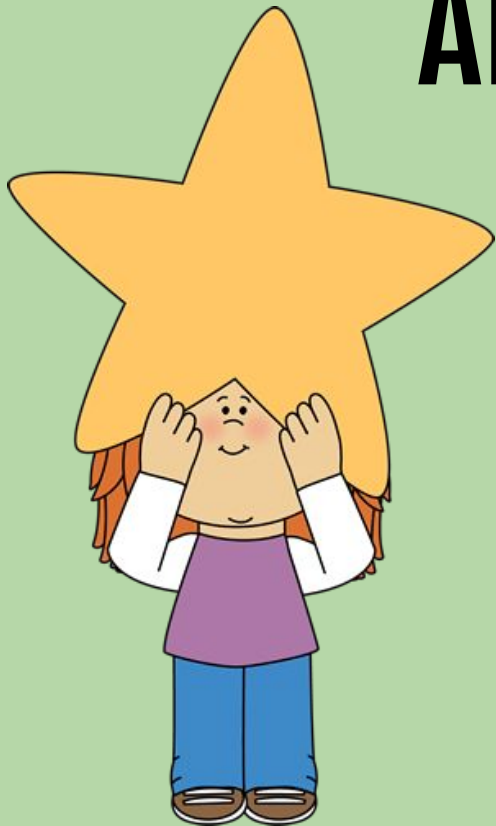




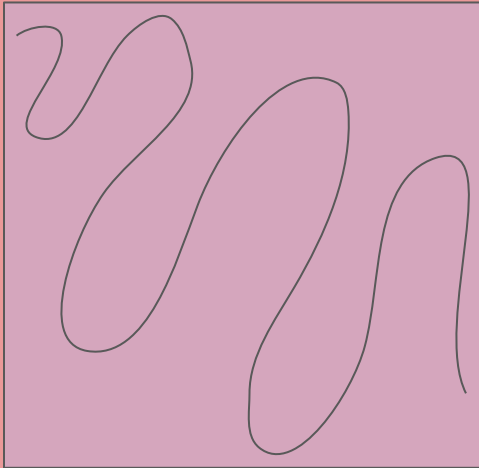
# Area and Perimeter



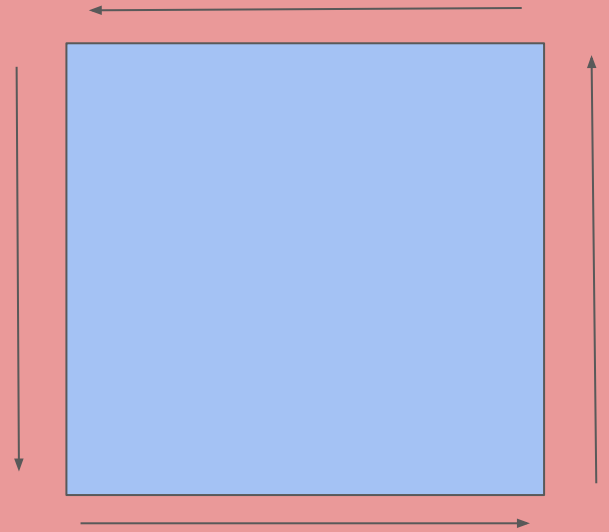
Created by: Vic Kuang

# Area and Perimeter

Area measures the space inside the shape. For example, you need to find the area to know how much wood planks to buy for your floor.

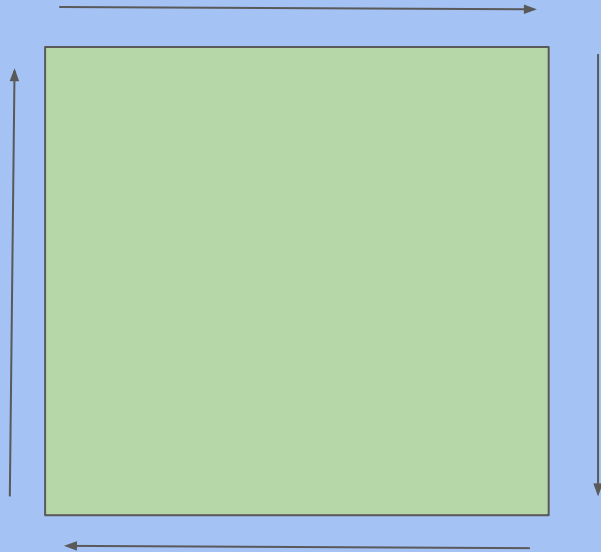


Perimeter is the distance around the shape. For example, you need to find the perimeter to know how much fences you need to buy.

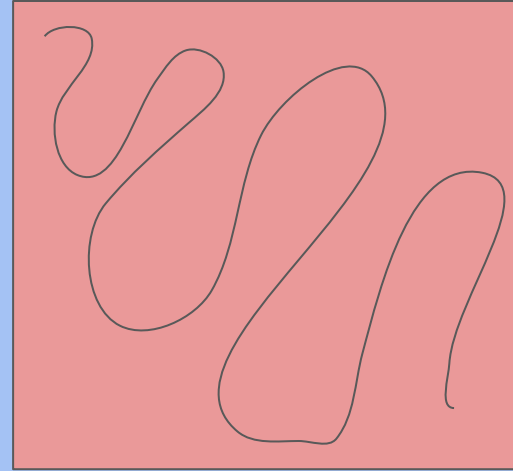


# Practice

Which one shows area and which one shows perimeter?



Perimeter

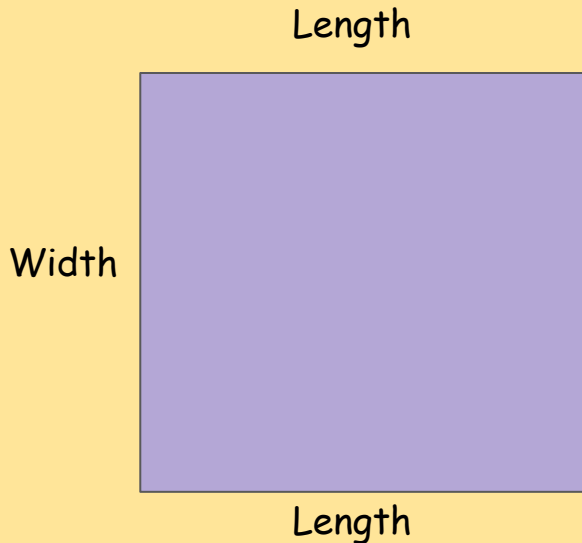


Area

# How to Find Area

To find the area, you can use the formula:

Length x Width



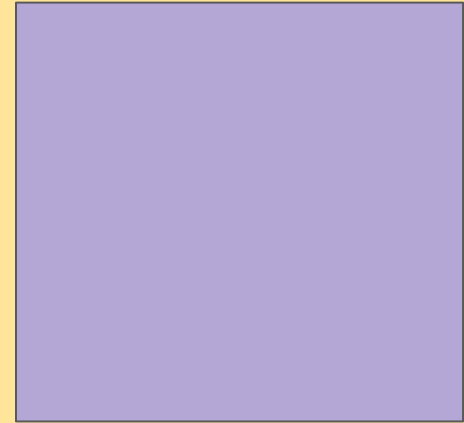
Width

**\*When finding area, make sure you always include your units and "squared" after your units in the answer\***

Example:

4 inches

6 inches



6 inches

4 inches

Length: 4 inches

Width: 6 inches

$$4 \times 6 = 24$$

The area of the square is 24 inches squared

# How to Find Perimeter

To find the perimeter, you can use the formula:

$$\underline{\text{Length} + \text{Length} + \text{Width} + \text{Width}} \quad 8 \text{ inches}$$

Length



Width

Length

Width

**\*When finding perimeter, make sure to always include the unit in your answer\***

Example:

5 inches



8 inches

5 inches

Length: 5 inches

Width: 8 inches

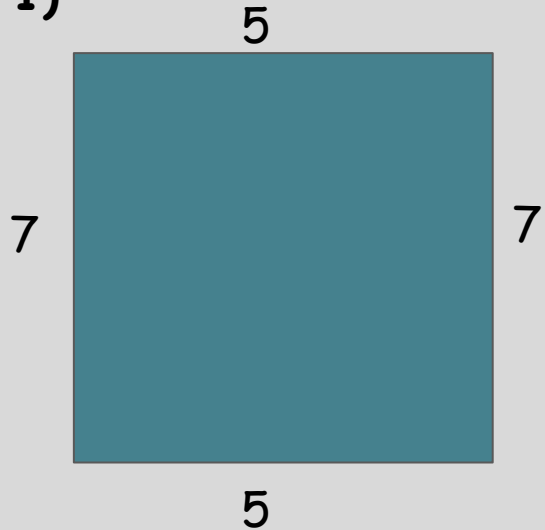
$$5 + 5 + 8 + 8 = 26 \text{ inches}$$

The perimeter of the square is 26 inches.

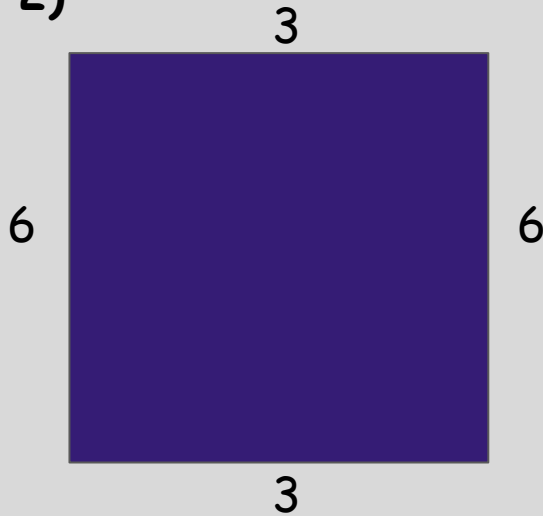
# Practice Problems

Find the area of each square- the units are inches

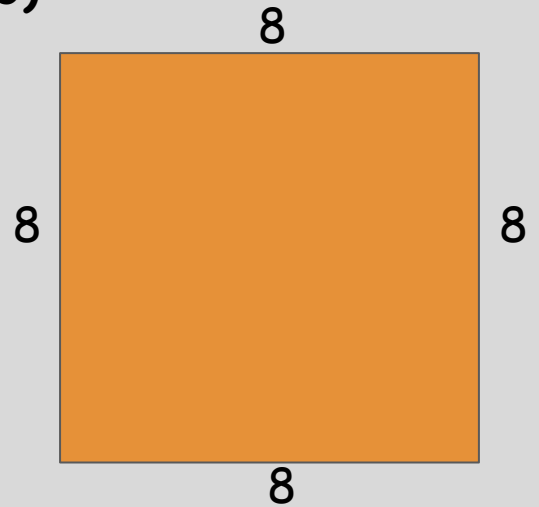
1)



2)



3)

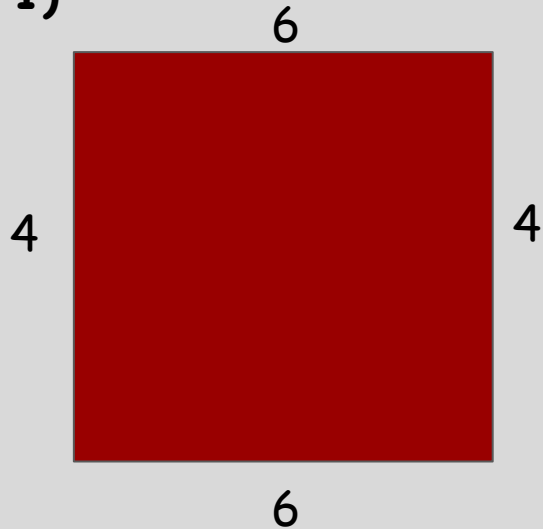


Show your work on a piece of paper

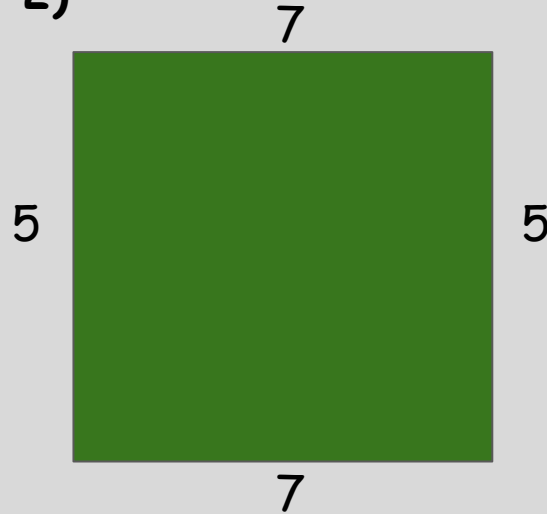
# Practice Problems

Find the perimeter of each square- the units are inches

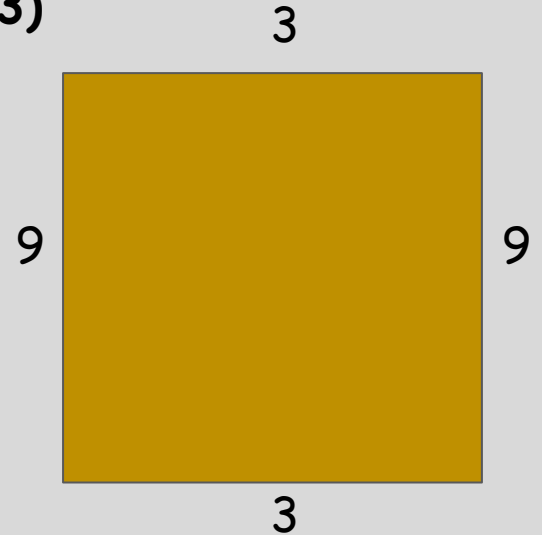
1)



2)



3)



Show your work on a piece of paper

# Answer Key

## Area:

- 1) 35 inches squared
- 2) 18 inches squared
- 3) 64 inches squared

## Perimeter:

- 1) 20 inches
- 2) 24 inches
- 3) 24 inches