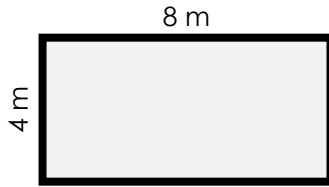


Name: \_\_\_\_\_

## Area of a Rectangle

To find the area of a rectangle, multiply the length by the width.

example:



$$\text{area} = 4 \text{ m} \times 8 \text{ m} = \underline{\text{32 square meters}}$$

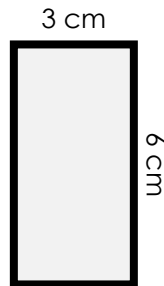
Find the area of each rectangle by multiplying

a.



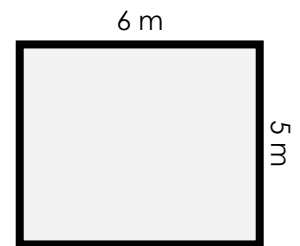
area = \_\_\_\_\_

b.



area = \_\_\_\_\_

c.



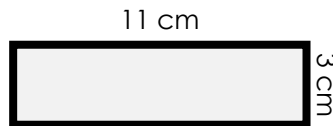
area = \_\_\_\_\_

d.



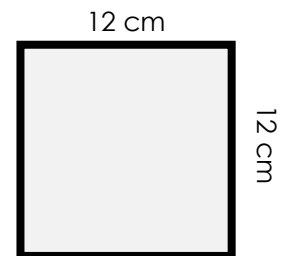
area = \_\_\_\_\_

e.



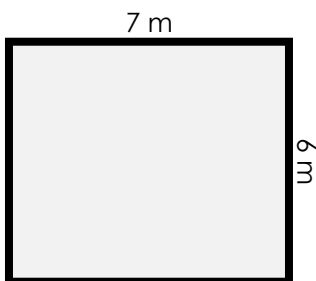
area = \_\_\_\_\_

f.



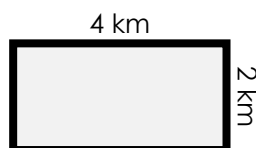
area = \_\_\_\_\_

g.



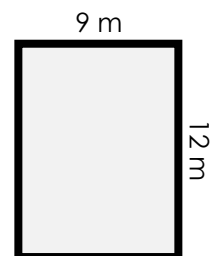
area = \_\_\_\_\_

h.



area = \_\_\_\_\_

i.



area = \_\_\_\_\_

# ANSWER KEY

## Area of a Rectangle

To find the area of a rectangle, multiply the length by the width.

example:



$$\text{area} = 4 \text{ m} \times 8 \text{ m} = \underline{\text{32 square meters}}$$

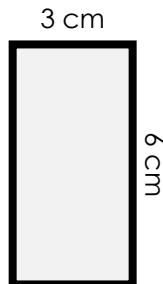
Find the area of each rectangle by multiplying

a.



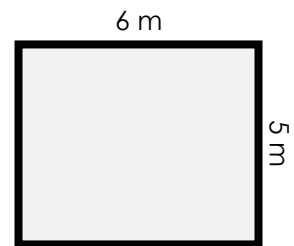
$$\text{area} = \underline{\text{24 square km}}$$

b.



$$\text{area} = \underline{\text{18 square cm}}$$

c.



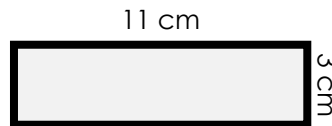
$$\text{area} = \underline{\text{30 square m}}$$

d.



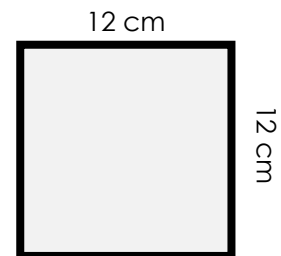
$$\text{area} = \underline{\text{7 square km}}$$

e.



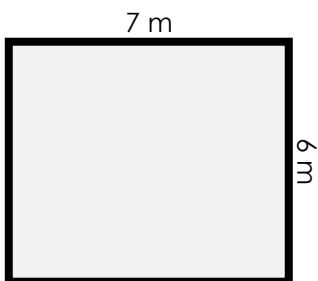
$$\text{area} = \underline{\text{33 square cm}}$$

f.



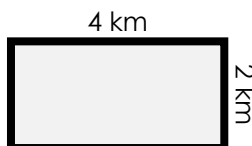
$$\text{area} = \underline{\text{144 square cm}}$$

g.



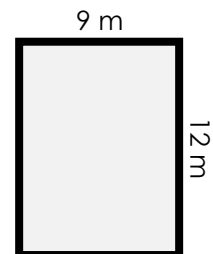
$$\text{area} = \underline{\text{42 square m}}$$

h.



$$\text{area} = \underline{\text{8 square km}}$$

i.

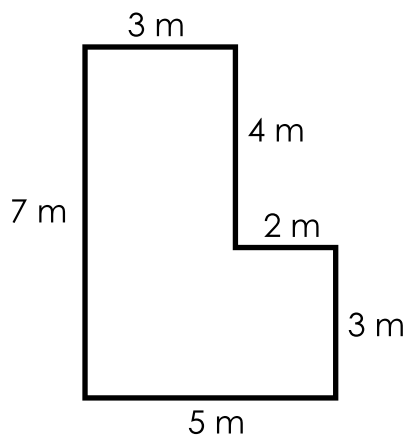


$$\text{area} = \underline{\text{108 square m}}$$

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

## Area of an Irregular Shape

To find the area of an irregular shape made of two or more rectangles, cut the shape into two or more parts and add the area of each part.



### Area of Rectangle 1:

$$A = l \times w$$

$$A = 4 \times 3$$

$$A = 12 \text{ m}^2$$

### Area of Rectangle 2:

$$A = l \times w$$

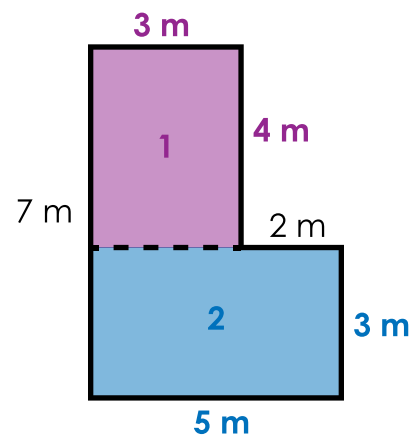
$$A = 5 \times 3$$

$$A = 15 \text{ m}^2$$

### Total Area:

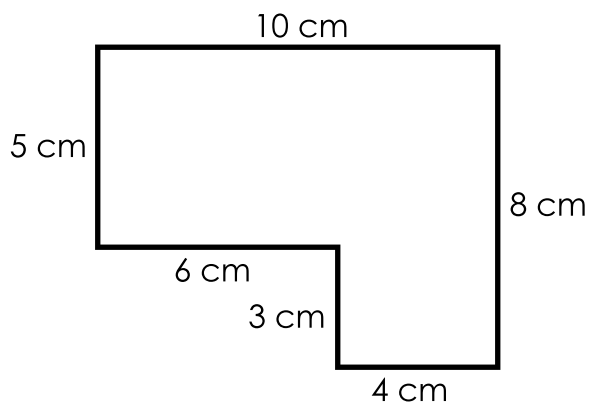
$$A = 12 \text{ m}^2 + 15 \text{ m}^2$$

$$A = 27 \text{ m}^2$$

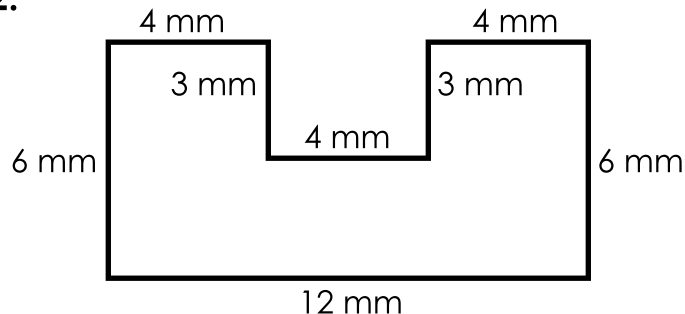


Find the area of each shape. Include units in your answer.

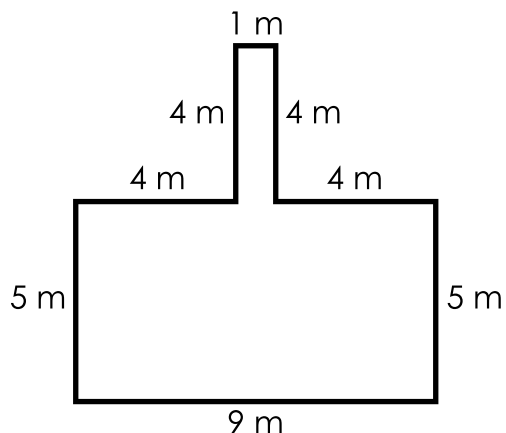
1.



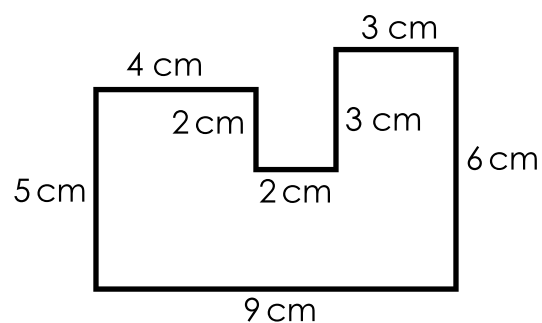
2.



3.



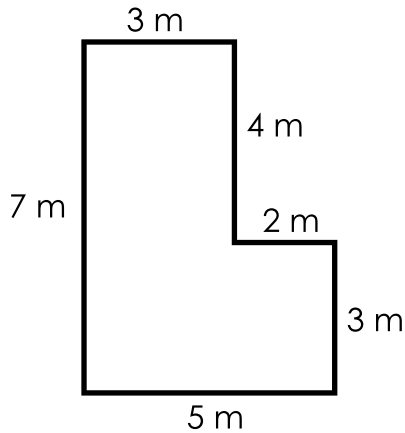
4.



# ANSWER KEY

## Area of an Irregular Shape

To find the area of an irregular shape made of two or more rectangles, cut the shape into two or more parts and add the area of each part.



**Area of Rectangle 1:**

$$A = l \times w$$

$$A = 4 \times 3$$

$$A = 12 \text{ m}^2$$

**Area of Rectangle 2:**

$$A = l \times w$$

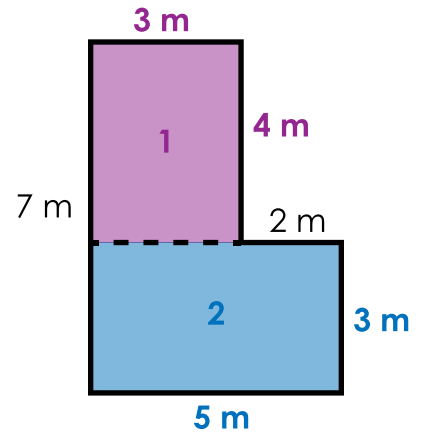
$$A = 5 \times 3$$

$$A = 15 \text{ m}^2$$

**Total Area:**

$$A = 12 \text{ m}^2 + 15 \text{ m}^2$$

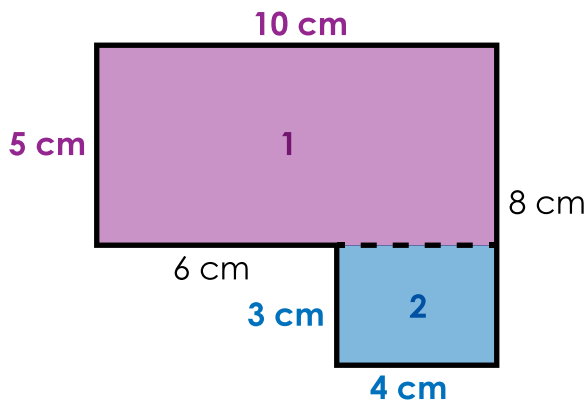
$$A = 27 \text{ m}^2$$



Find the area of each shape. Include units in your answer.

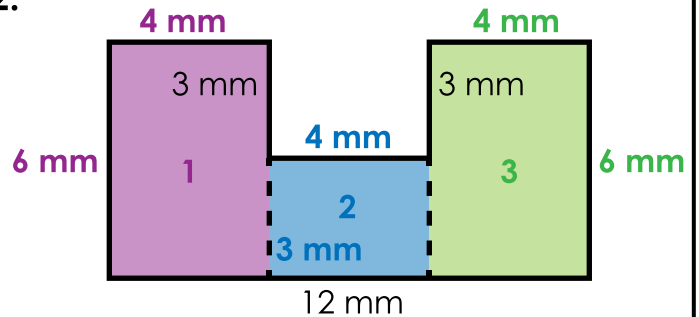
Note to teachers: Shapes may be divided differently.

1.



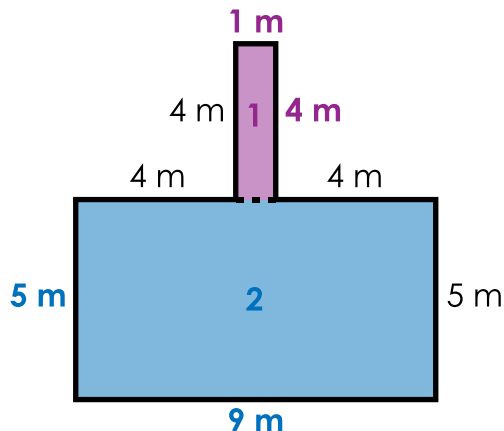
$$A = 62 \text{ cm}^2$$

2.



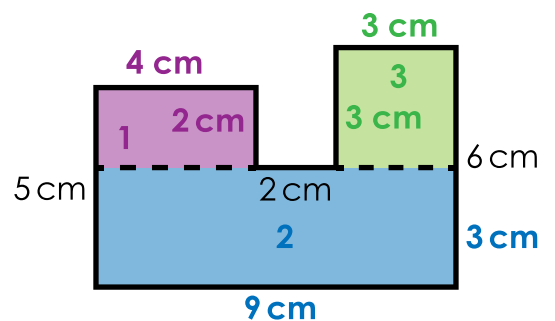
$$A = 60 \text{ mm}^2$$

3.



$$A = 49 \text{ m}^2$$

4.



$$A = 44 \text{ cm}^2$$