

4 Calculate:

$$18 - (19 - 10) - 8 = \underline{\hspace{2cm}} \quad (15 + 35) - (84 - 64) = \underline{\hspace{2cm}}$$

$$60 - (98 - 78) + 40 = \underline{\hspace{2cm}} \quad (20 - 10) + (76 + 14) = \underline{\hspace{2cm}}$$

5 Open up the parentheses:

$$(s + 3) + 4 = \underline{\hspace{2cm}} \quad (f + 4) - (a - 64) = \underline{\hspace{2cm}}$$

$$(n + b - d) - 94 = \underline{\hspace{2cm}} \quad (20 - t) + (w + v) = \underline{\hspace{2cm}}$$

$$(d + 8) - (7 - a) = \underline{\hspace{2cm}} \quad (20 + z) - (7 - a + b) = \underline{\hspace{2cm}}$$

Convert the following measurements.

6

1m=10dm	1dm=10cm	1m=100cm	1cm=10mm
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$$2 \text{ m } 4\text{dm } 3 \text{ cm} = \underline{\hspace{1cm}} \text{ cm} \quad 300 \text{ dm} = \underline{\hspace{1cm}} \text{ m} \quad 5\text{m } 9 \text{ cm} = \underline{\hspace{1cm}} \text{ cm}$$

$$901 \text{ cm} = \underline{\hspace{1cm}} \text{ m } \underline{\hspace{1cm}} \text{ cm} \quad 40 \text{ m} = \underline{\hspace{1cm}} \text{ dm} \quad 56 \text{ cm} = \underline{\hspace{1cm}} \text{ dm } \underline{\hspace{1cm}} \text{ cm}$$

$$314 \text{ cm} = \underline{\hspace{1cm}} \text{ dm } \underline{\hspace{1cm}} \text{ cm} \quad 50 \text{ dm} = \underline{\hspace{1cm}} \text{ m} \quad 6 \text{ m } 8 \text{ dm} = \underline{\hspace{1cm}} \text{ cm}$$

Convert the following measurements.

7

1kg=1000g	1L =1000mL
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$$2\text{kg} = \underline{\hspace{1cm}} \text{ g} \quad 3000\text{mL} = \underline{\hspace{1cm}} \text{ L}$$

$$5000\text{g} = \underline{\hspace{1cm}} \text{ kg} \quad 4\text{L} = \underline{\hspace{1cm}} \text{ mL}$$

$$9\text{kg} = \underline{\hspace{1cm}} \text{ g} \quad 5000\text{L} = \underline{\hspace{1cm}} \text{ mL}$$

8 $76 - y = 42$

$$y =$$

$$y =$$

Check:

$$5 \times y = 35$$

$$y =$$

$$y =$$

Check:

$$x - 76 = 18$$

$$x =$$

$$x =$$

Check:

$$x \div 6 = 8$$

$$x =$$

$$x =$$

Check:

$$z - 12 = 95$$

$$z =$$

$$z =$$

Check:

$$z \times 7 = 42$$

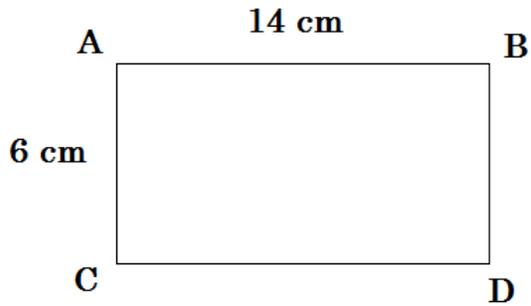
$$z =$$

$$z =$$

Check:

9

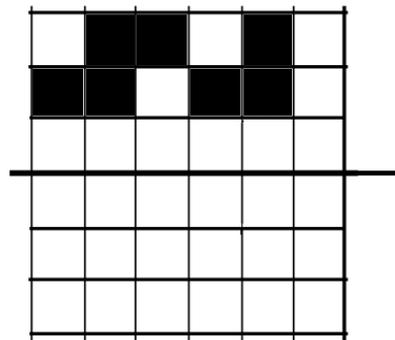
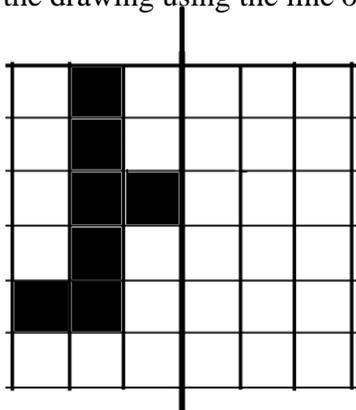
Find perimeter (the total length of the sides) of the rectangle ABCD three ways:



- 1) _____
- 2) _____
- 3) _____

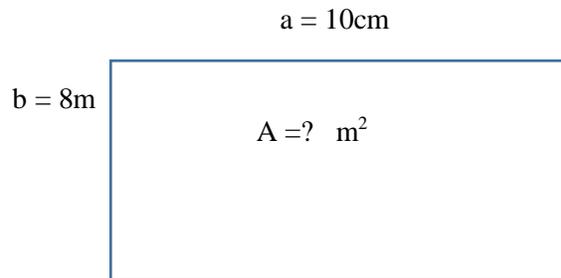
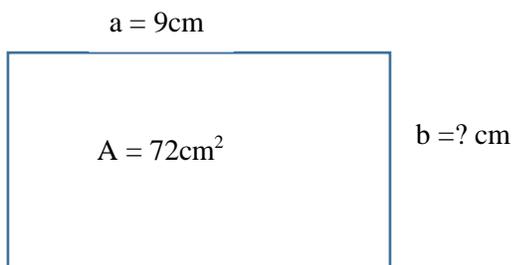
10

Finish the drawing using the line of symmetry:



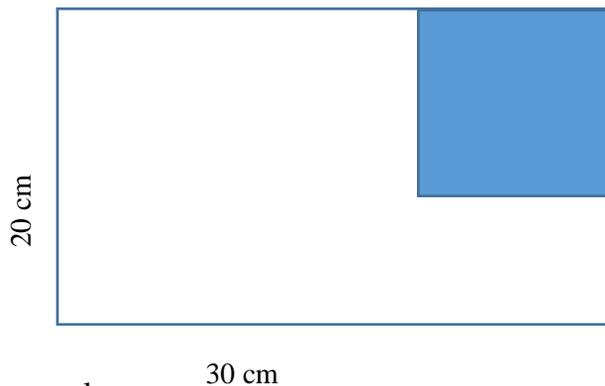
11

Find area or side of the rectangle.



12

Find the area of a white shape two different ways, if you know that the blue shape is a square with a side of 8 cm.



- 1) _____
- _____
- 2) _____
- _____

13

Use a ruler.

30 cm

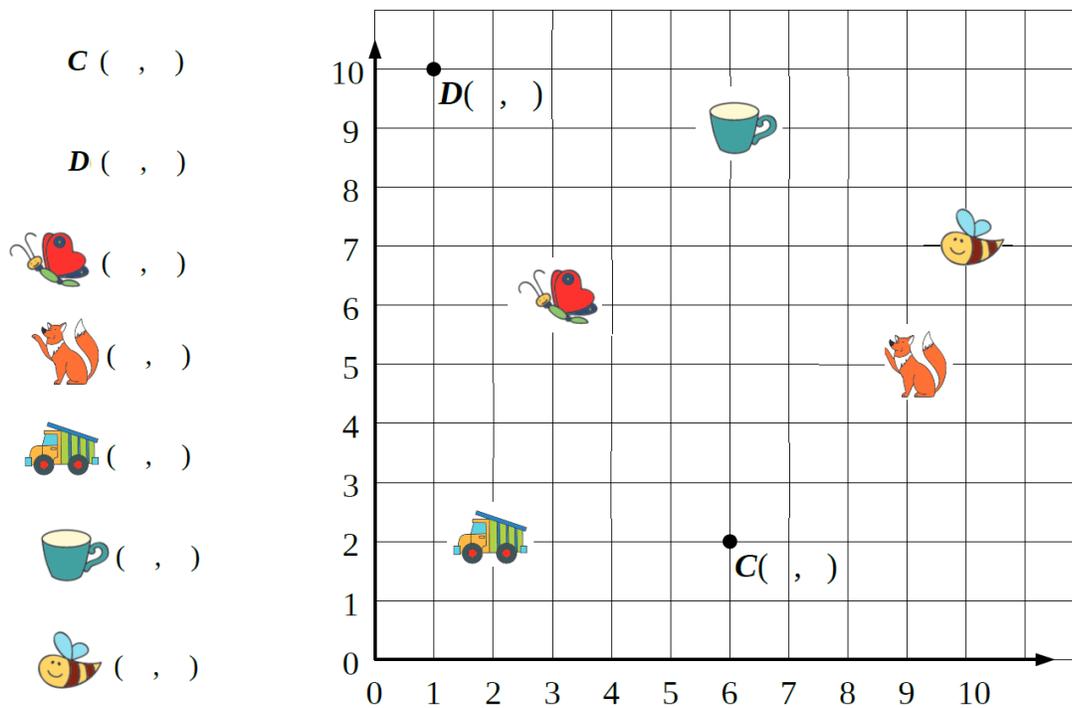
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- Draw a straight line \overleftrightarrow{RT} .
- Draw a line segment \overline{FQ} .
- Label the intersection M .
- Draw a ray \overrightarrow{MN}
- Name all acute angles:

- Name all obtuse angles:

14

Find coordinates of the points C and D as well as the coordinates of the other objects.



15

How can you simplify the following? Remember the orders of operations!

- 1) $6(5 + a) + 90 \div 10 =$ _____
- 2) $3 \times 8 + 3(4 - a) =$ _____
- 3) $4 \times 5 - 2 \times 3 + 25 \div 5 =$ _____
- 4) $23 + (35 - 4 \times 8) =$ _____