

- 1.** Make sure you worked out the operations in the right order:

$$10 \div 2 + 3 =$$

$$10 \div (2 + 3) =$$

$$3 + 10 \div 2 =$$

$$20 + 30 \div 10 =$$

$$(20 + 30) \div 10 =$$

$$20 \div 10 + 30 =$$

$$16 \div 2 + 6 =$$

$$16 \div (2 + 6) =$$

$$6 + 16 \div 2 =$$

$$8 - 6 \times 0 =$$

$$(8 - 6) \times 0 =$$

$$8 \times 0 - 6 \times 0 =$$

- 2.** Below the same expression is written 4 times. First calculate the value of the expression without parenthesis. Then place one or two pair of parentheses to get: 50, 164 and 270.

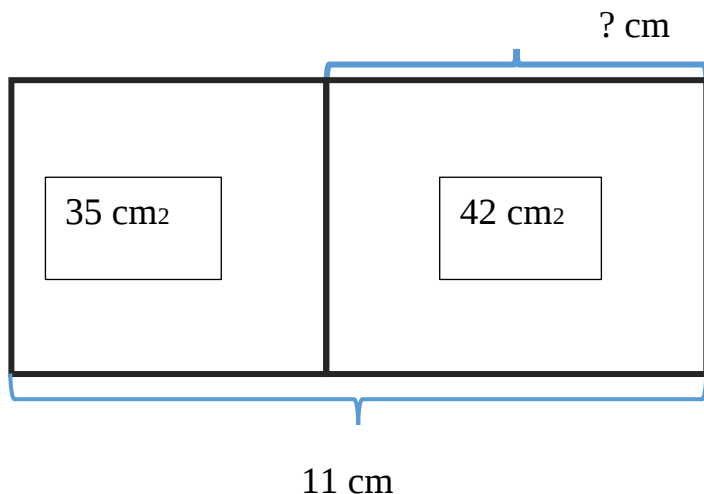
$$2 + 3 \times 4 + 5 \times 6 =$$

$$2 + 3 \times 4 + 5 \times 6 = 50$$

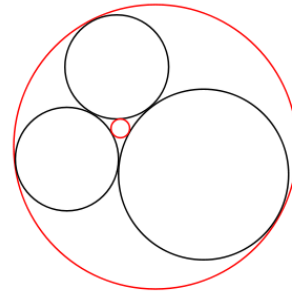
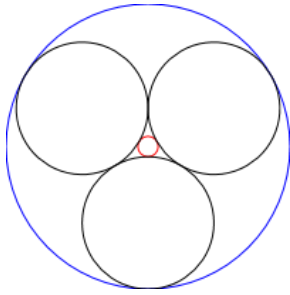
$$2 + 3 \times 4 + 5 \times 6 = 164$$

$$2 + 3 \times 4 + 5 \times 6 = 270$$

- 3.** Find an unknown side and a perimeter of the entire shape.



4. Choose one of the pictures below and copy it as accurate as you can. Make your picture larger.



5. Solve for x :

a) $160 \div x + 84 = 124$

b) $(x + 84) \div 16 = 18$

Homework 20

6.

Convert:

a) to millimeters:

60 cm = _____

42 cm = _____

30 dm = _____

b) to dm and cm:

300 mm = _____

870 mm = _____

2150 mm = _____

7.

Use a pencil to connect the equal lengths.

158 mm

60m

4m 49cm

713cm

449cm

600cm

15cm8mm

6000cm

7m1dm3cm

8.

The room for Julia and Victoria's birthday party was decorated with garlands of red, blue and pink balloons. There were 18 red balloons and 26 balloons – red and blue together. How many blue and pink balloons were used for a room decoration, if total number of balloons were 45?

9.

The area of the rectangle is 60cm^2 . What length could be sides of this rectangle. Enter possible lengths a and b to the table and find a Perimeter of each rectangle.

	60cm^2	60cm^2	60cm^2	60cm^2	60cm^2
a					
b					
P					

10.

Long multiplication:

$123 \times 321 =$

$321 \times 213 =$

$132 \times 312 =$

11.

Long Division:

a) $1,112 \div 8 =$

b) $3,912 \div 8 =$

12.

The New Year's party was in the big nice room. The room had a shape of a rectangle with a length of 20 meters and a width of 10 meters. The room was decorated with multicolor lights, each light was 60 centimeters apart from the next one. How many lights were used to decorate the room?
