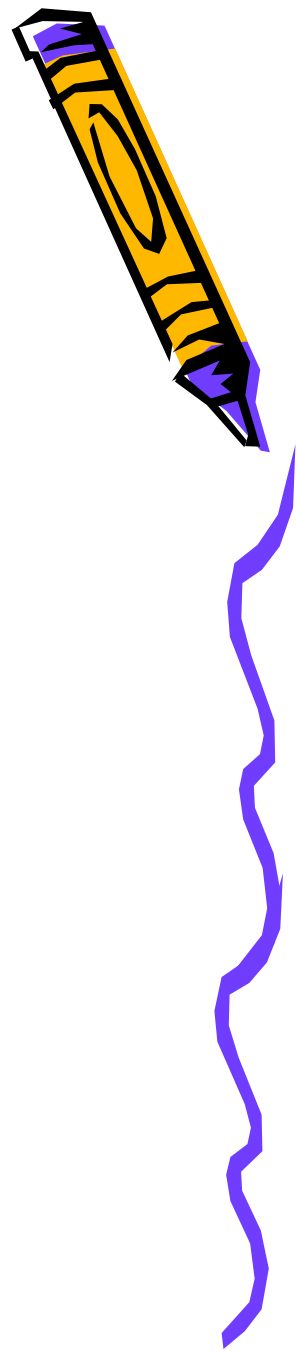


Lesson 46

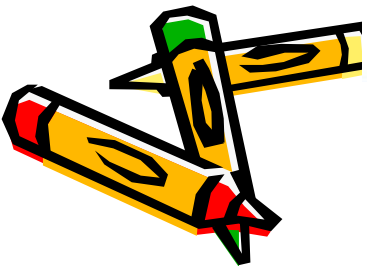
Perimeter

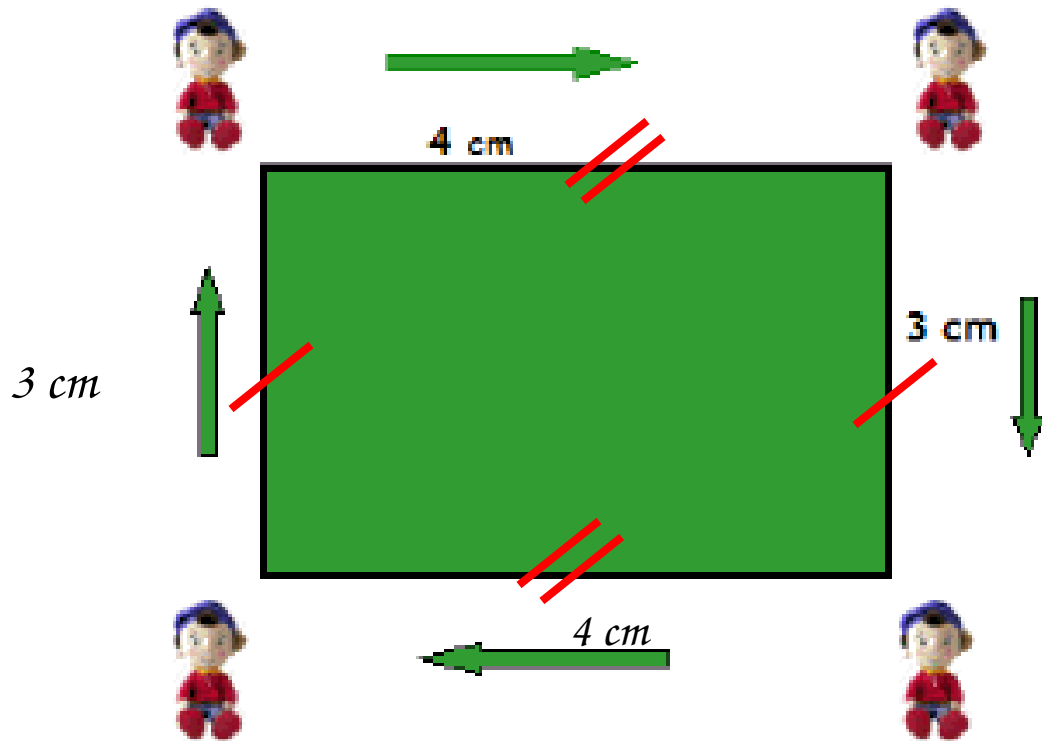
Objectives:

- *Define the term “Perimeter”*
- *Find the perimeter of a given shape*
- *Calculate the length of a side of regular shapes*



What do we mean by Perimeter?





Perimeter of the rectangle = $2 \times L + 2 \times w$

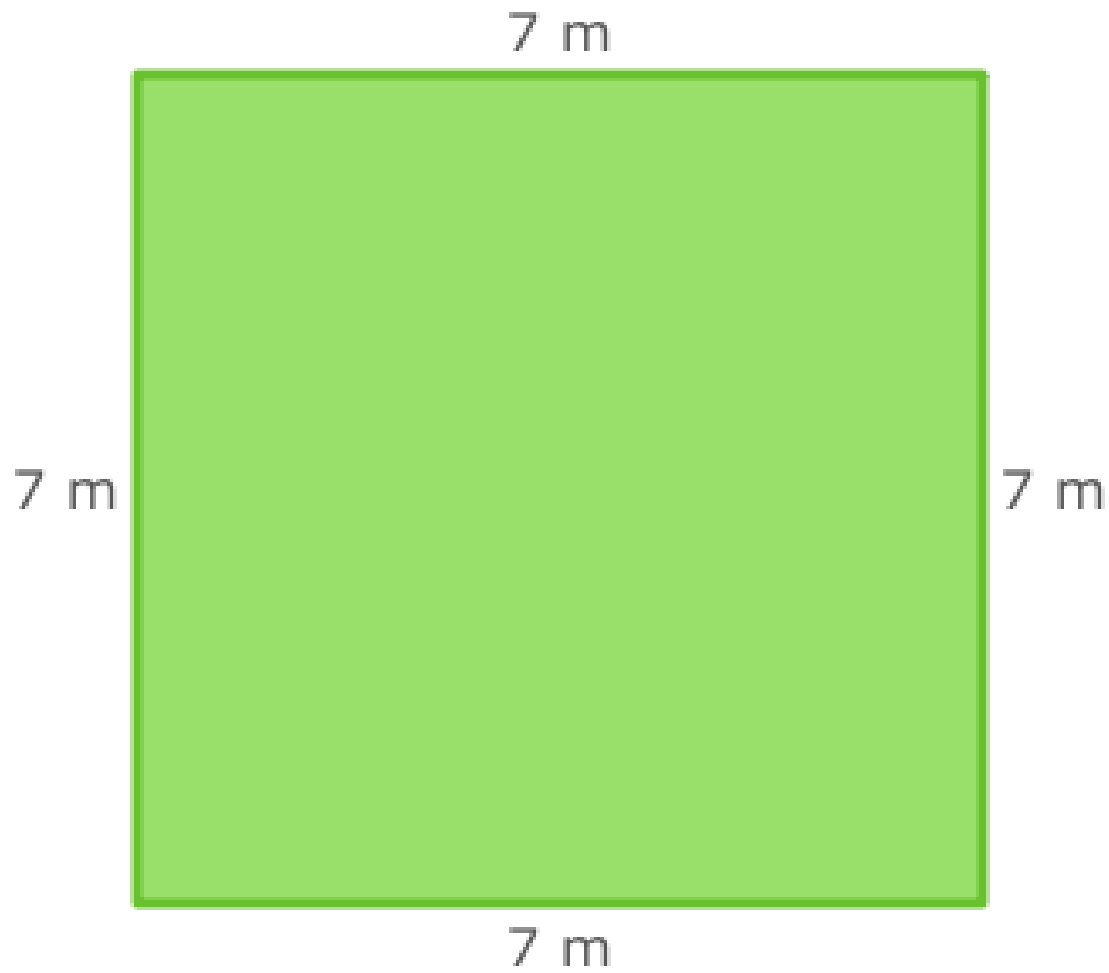
$$P. = 2 \times 4 + 2 \times 3$$

$$= 8 + 6$$

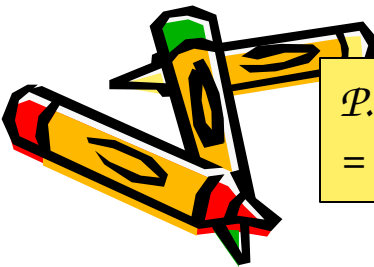
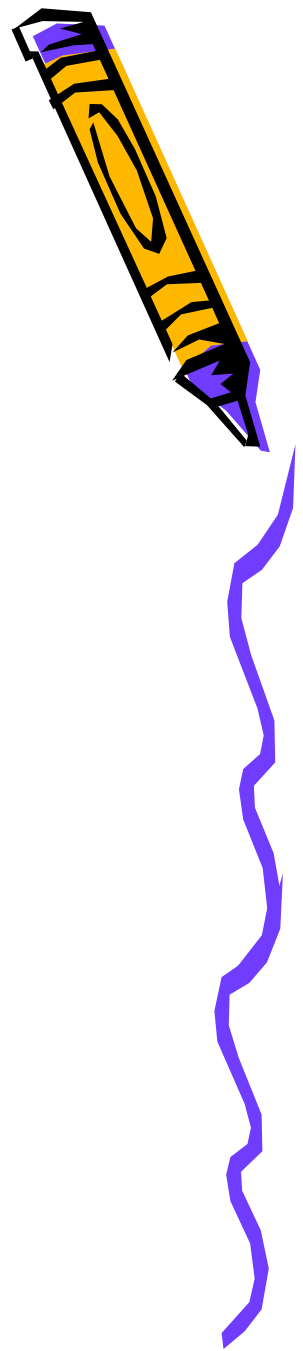
$$= 14 \text{ cm}$$



What is the perimeter of the square?

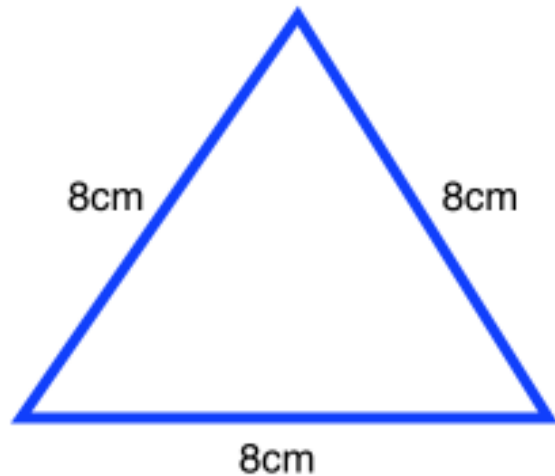


$$P. = 4 \times S$$
$$= 4 \times 7 = 28$$
 meters

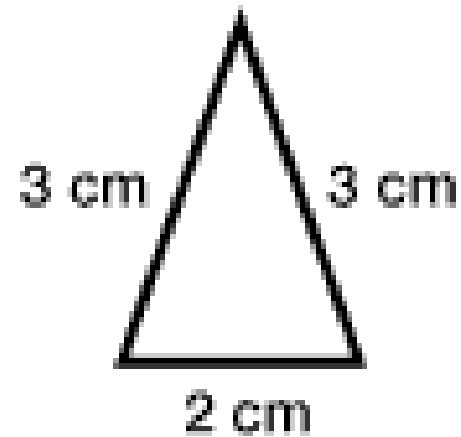


Application:

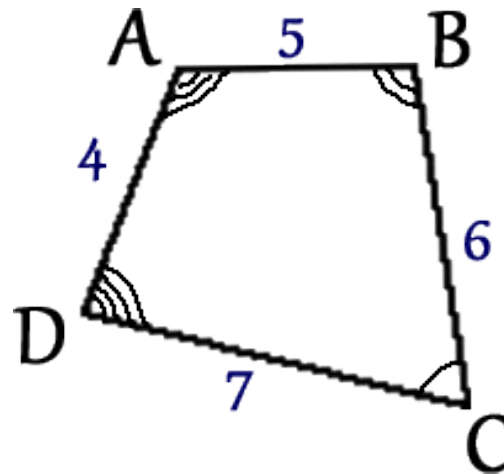
Find the perimeter of the following figures:



$$P. = 3 \times 8 = 24 \text{ cm}$$



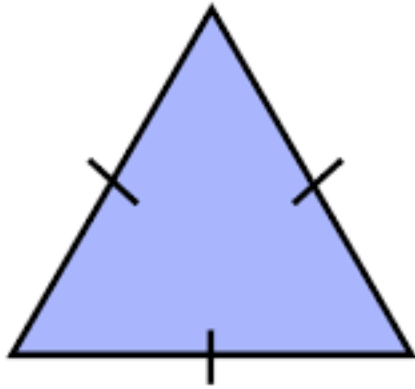
$$P. = 3 \times 2 + 2 = 8 \text{ cm}$$



$$P. = 4 + 5 + 6 + 7 = 22 \text{ u.}$$

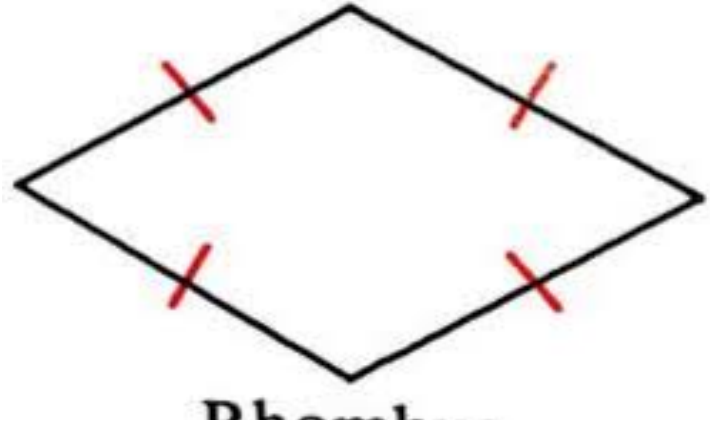


Find the length of each side of the following figures:



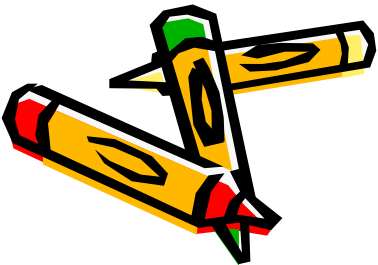
Perimeter = 36cm

$$\begin{aligned} \text{Side} &= \text{perimeter} \div 3 \\ &= 36 \div 3 = 12 \text{ cm} \end{aligned}$$



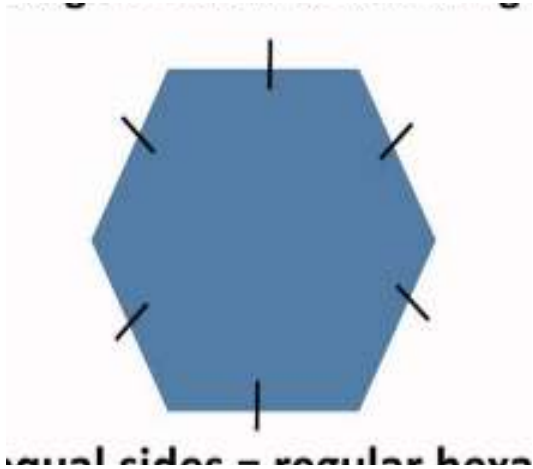
Perimeter = 24 cm

$$\begin{aligned} \text{Side} &= \text{perimeter} \div 4 \\ &= 24 \div 4 = 6 \text{ cm} \end{aligned}$$



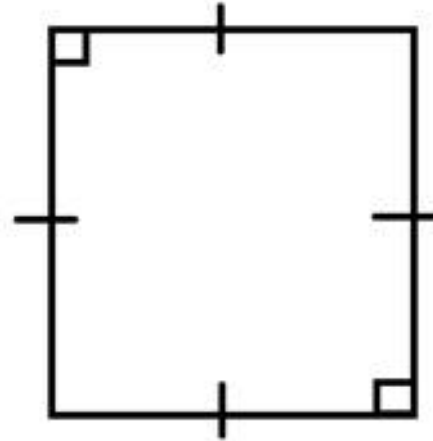
Application:

Find the length of the sides of each of the following figures:



Perimeter = 42 cm

Side = 7 cm



Perimeter = 20 cm

Side = 5 cm

