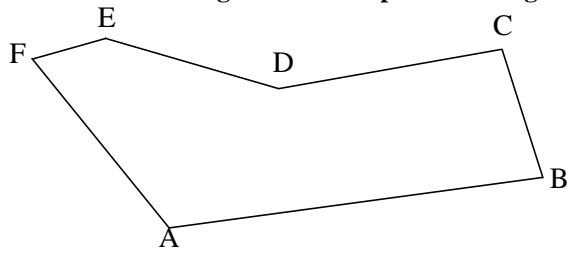


1. Measure the length of each side of this polygon and calculate the length of its perimeter.

Precise measuring for this task please – using decimals to record the lengths where needed eg. 2.3cm



AB = _____ BC = _____

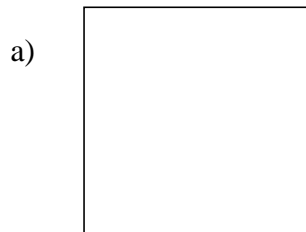
CD = _____ DE = _____

EF = _____ FA = _____

Perimeter = _____

****Note AB simply means to measure the line that runs from point A to point B****

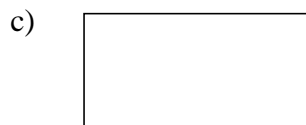
2. Measure the sides of these shapes then calculate the perimeter of each shape.



$P =$



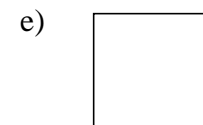
$P =$



$P =$

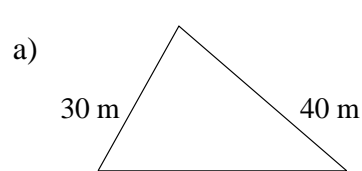


$P =$

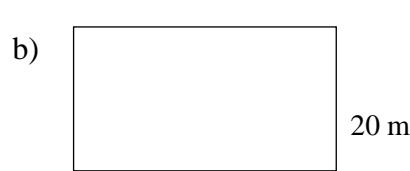


$P =$

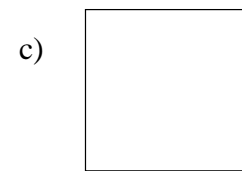
3. What length of fence is needed to enclose each of these gardens?



$P =$



$P =$



$P =$

a) Calculate the perimeter of a rectangle if: (***remember you need to add all 4 sides***)

i) one side is 12 cm and the other is 32 cm, $P =$

ii) one side is 210 cm and the other is 130 cm, $P =$

iii) each side is 31 cm. $P =$

b) Calculate the length of the other side of a rectangle if one side is 7 cm and its perimeter is 34 cm. $missing\ length =$

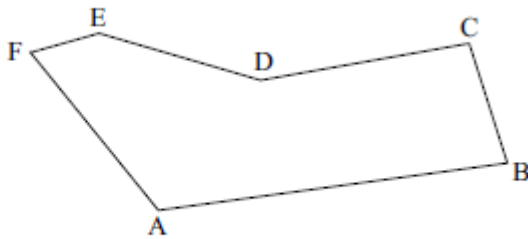
c) Calculate the side of a square if its perimeter is:

i) 36 cm $one\ side =$ ii) 60 cm $one\ side =$

Answers:

1.

Solution:



$$AB = 5 \text{ cm} \quad BC = 1.8 \text{ cm}$$

$$CD = 3 \text{ cm} \quad DE = 2.4 \text{ cm}$$

$$EF = 1 \text{ cm} \quad FA = 2.9 \text{ cm}$$

$$P = 5 + 3 + 1 + 1.8 + 2.4 + 2.9 = 14 + 2.1 = \underline{16.1 \text{ cm}}$$

2a. 12cm

b. 18cm

c. 9cm

d. 14cm

e. 6cm

3a. 115 m

b. 120 m

c. 400 m

4a. i. 88 cm

ii. 680 cm

iii. 124 cm

b. $7 + 7 + ? + ? = 34$

$$14 + ? = 34$$

$$14 + 20 = 34$$

20 cm cover 2 sides of the rectangle

So, the missing side of the rectangle = 10cm

c. i. one side of the square = $36 \div 4 = 9 \text{ cm}$

ii. one side of the square = $60 \div 4 = 15 \text{ cm}$