

Worksheet

Mapping Your Way

Q.1. (A) Find the area of each square for the given side length.

(i) Side length = 8 ft

Area = ____

Ans. 64 ft²

(ii) Side length = 4 yd

Area = ____

Ans. 16 yd²

(iii) Side length = 9 in

Area = ____

Ans. 81 in²

(iv) Side length = 11 ft

Area = ____

Ans. 121 ft²

(B) Find the area of each square.

(i)



Area = ____

Ans. 169 yd²

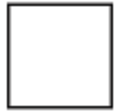
(ii)



Area = ____

Ans. 9 in²

(iii)



2 ft

Area = ____

Ans. 4 ft²

(iv)



15 yd

Area = ____

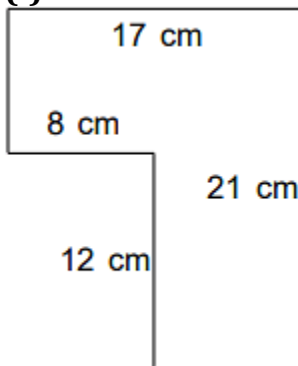
Ans. 225 yd²

(v) If the length of the side of a square is 7 inches, determine the area.

Ans. 49 square inches

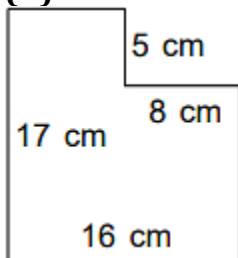
Q.2. Find the perimeter and area.

(i)



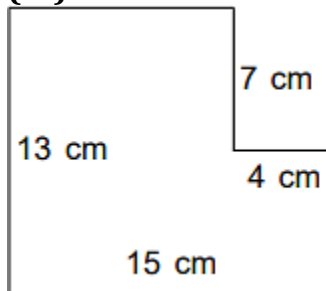
Ans. P = 76 cm A = 261 cm²

(ii)



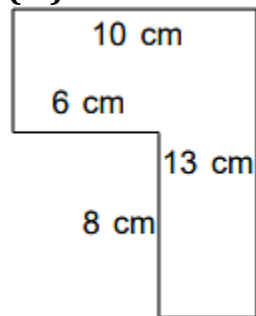
Ans. $P = 66 \text{ cm}$ $A = 232 \text{ cm}^2$

(iii)



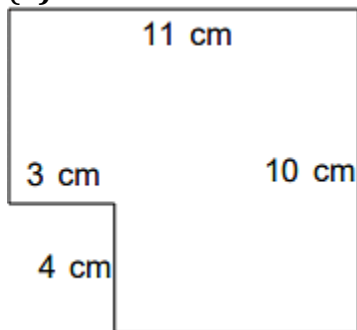
Ans. $P = 56 \text{ cm}$ $A = 167 \text{ cm}^2$

(iv)



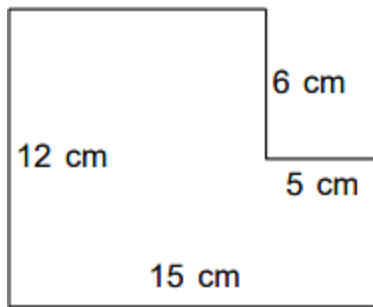
Ans. $P = 46 \text{ cm}$ $A = 82 \text{ cm}^2$

(v)



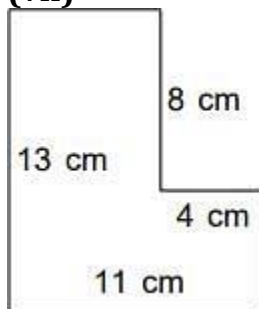
Ans. $P = 42 \text{ cm}$ $A = 98 \text{ cm}^2$

(vi)



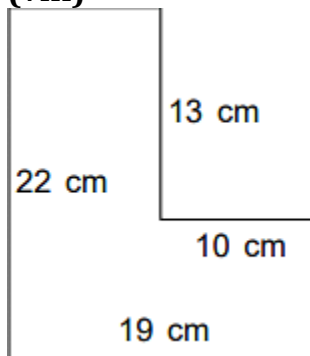
Ans. $P = 54 \text{ cm}$ $A = 150 \text{ cm}^2$

(vii)



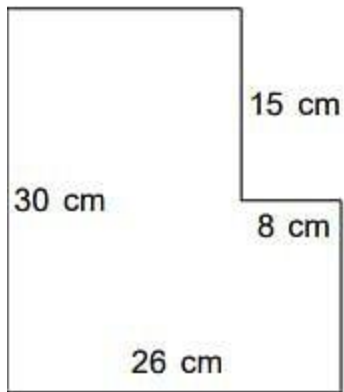
Ans. $P = 48 \text{ cm}$ $A = 111 \text{ cm}^2$

(viii)



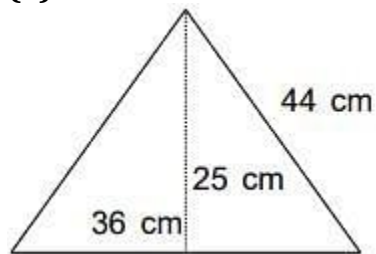
Ans. $P = 82 \text{ cm}$ $A = 288 \text{ cm}^2$

(ix)



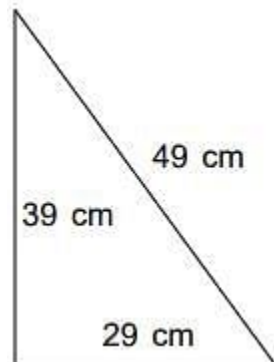
Ans. $P = 112 \text{ cm}$ $A = 660 \text{ cm}^2$

(x)



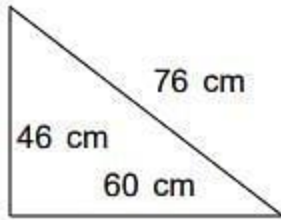
Ans. $P = 124 \text{ cm}$ $A = 450 \text{ cm}^2$

(xi)



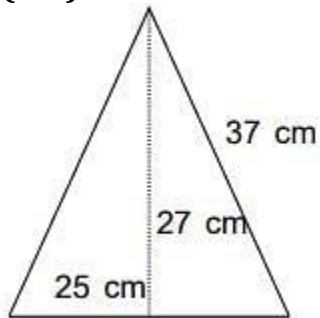
Ans. $P = 117 \text{ cm}$ $A = 565.5 \text{ cm}^2$

(xii)



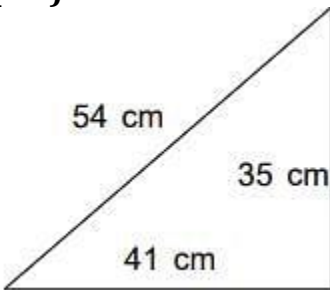
Ans. $P = 182 \text{ cm}$ $A = 1,380 \text{ cm}^2$

(xiii)



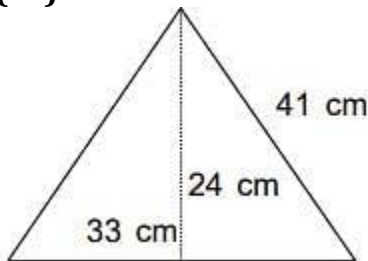
Ans. $P = 99 \text{ cm}$ $A = 337.5 \text{ cm}^2$

(xiv)



Ans. $P = 130 \text{ cm}$ $A = 717.5 \text{ cm}^2$

(xv)



Ans. $P = 115 \text{ cm}$ $A = 396 \text{ cm}^2$