

1077 RAVIRAVI SANGAM SCHOOL
MATHEMATICS
YEAR: 5
WORKSHEET -2
SOLUTIONS

Strand	Measurements
Sub-strand	Area and Length
Content learning outcome	Calculate perimeter of regular and irregular shapes

LESSON NOTES

Perimeter

Perimeter is the distance around the outside shape.

Example

Finding Perimeter

$7 + 3 + 7 + 3 = 20$
The perimeter is 20 feet.

$5 + 8 + 3 + 6 = 22$
The perimeter is 22 cm.

Key Terms

Distance around

- **Outside**
- **Fence**

Examples

QUADRILATERAL

$P = a + b + c + d$
 $P = 5 + 7 + 9 + 11$
 $P = 32 \text{ cm}$

Perimeter

□ Rectangle □ Square □ Triangle:

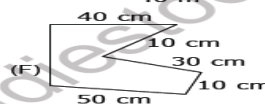
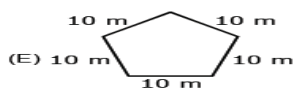
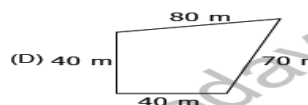
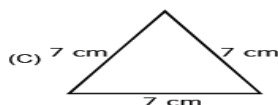
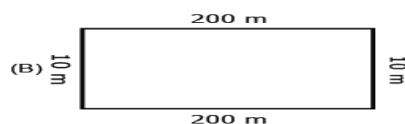
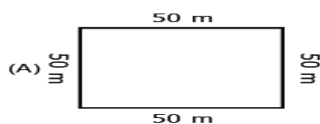
$P = 8 + 5 + 8 + 5$

$P = 6 + 6 + 6 + 6$

$P = a + b + c$

ACTIVITIES

Find the perimeter of the following shapes



Solutions

<p>(A)</p> $\begin{aligned} P &= a + b + c + d \\ &= 50 + 50 + 50 + 50 \\ &= \underline{200m} \end{aligned}$	<p>(B)</p> $\begin{aligned} P &= a + b + c + d \\ &= 200 + 10 + 200 + 10 \\ &= \underline{420m} \end{aligned}$
<p>(C)</p> $\begin{aligned} P &= a + b + c \\ &= 7 + 7 + 7 \\ &= \underline{21cm} \end{aligned}$	<p>(D)</p> $\begin{aligned} P &= a + b + c + d \\ &= 80 + 70 + 40 + 40 \\ &= \underline{230m} \end{aligned}$
<p>(E)</p> $\begin{aligned} P &= a + b + c + d + e \\ &= 10 + 10 + 10 + 10 + 10 \\ &= \underline{50m} \end{aligned}$	<p>(F)</p> <p>Please disregard this question as one value is missing.</p>