TID: v22cb09ma0802

STORYBOARD

PL: Dev Vishnu

TL: Midhilesh Pillai

VCC: Prerna Agarwal

SME: Bela Arora

CSW: Virender Kumar

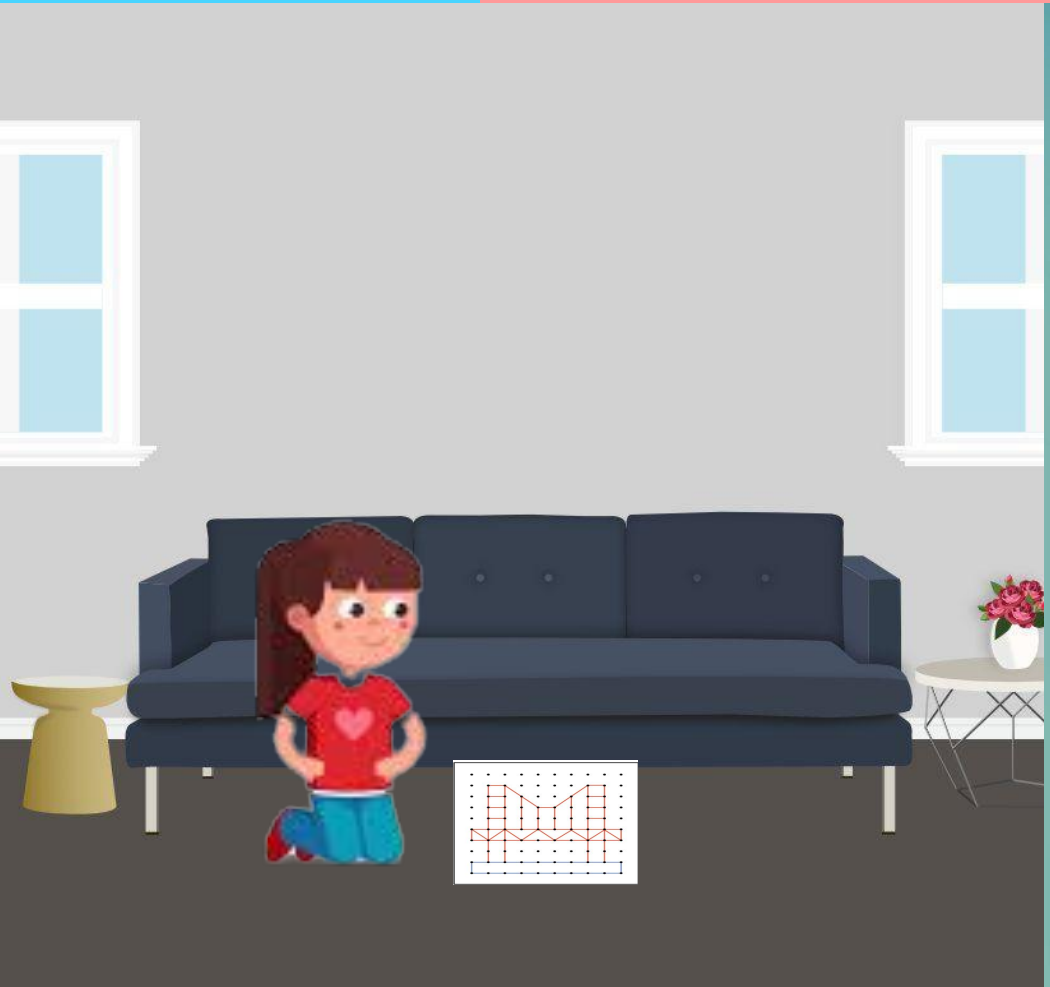
SB Artist: Virender kumar

9th Grade

Introduction to Quadrilaterals

Frame No. 1

Cowboy Shot



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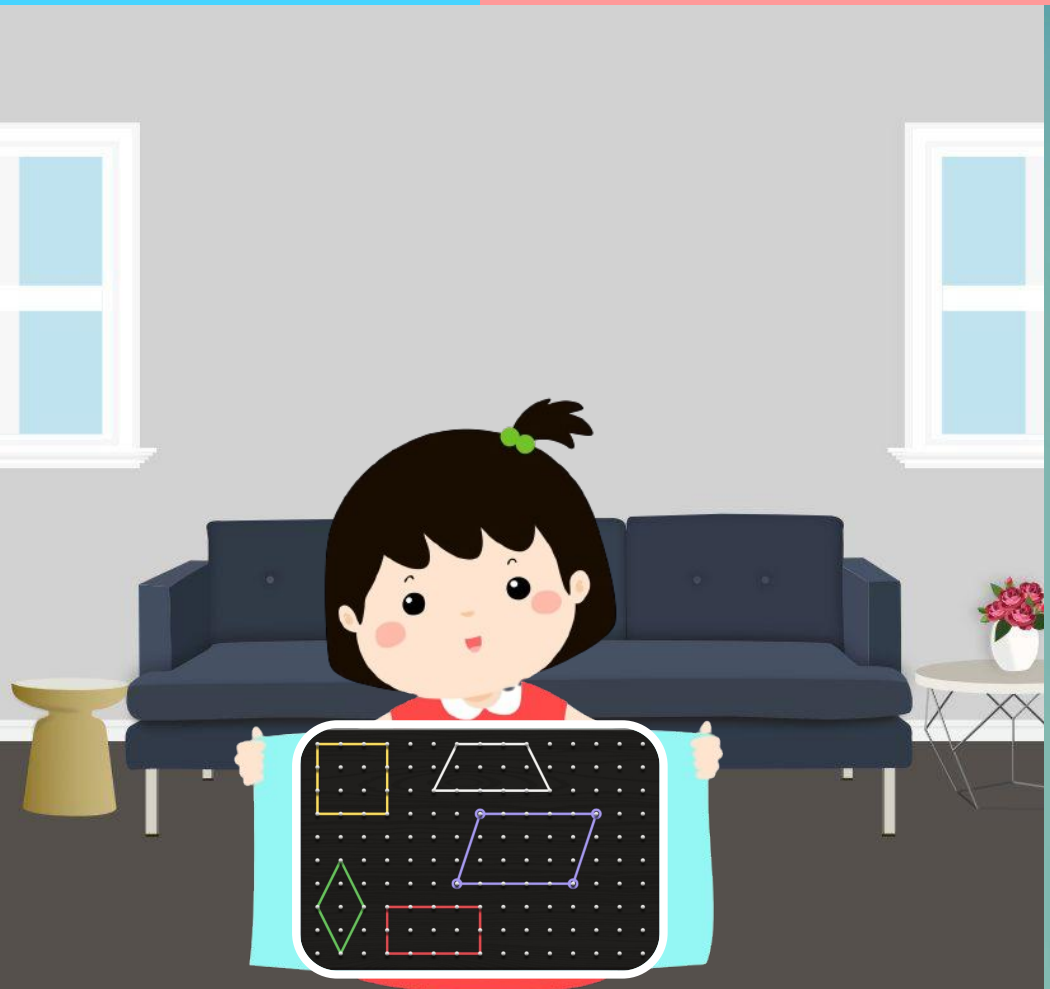

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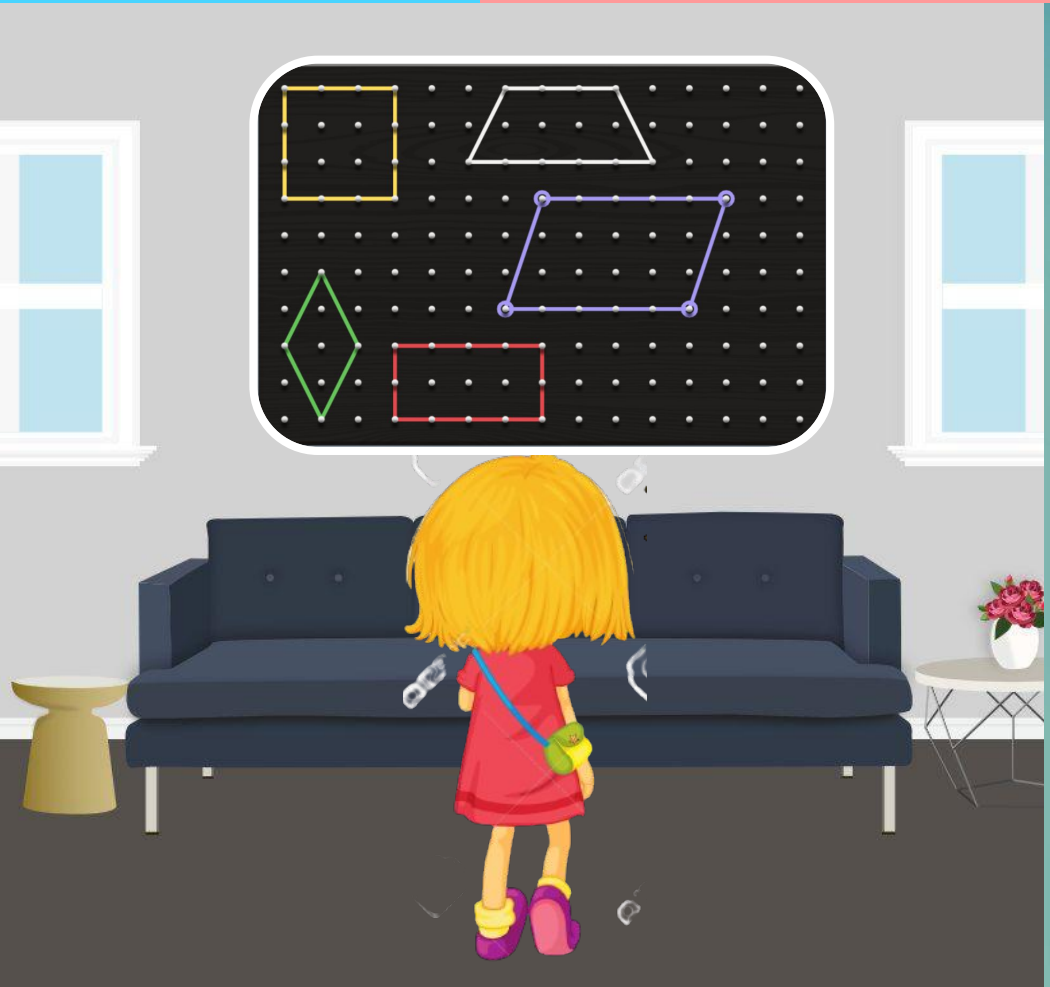

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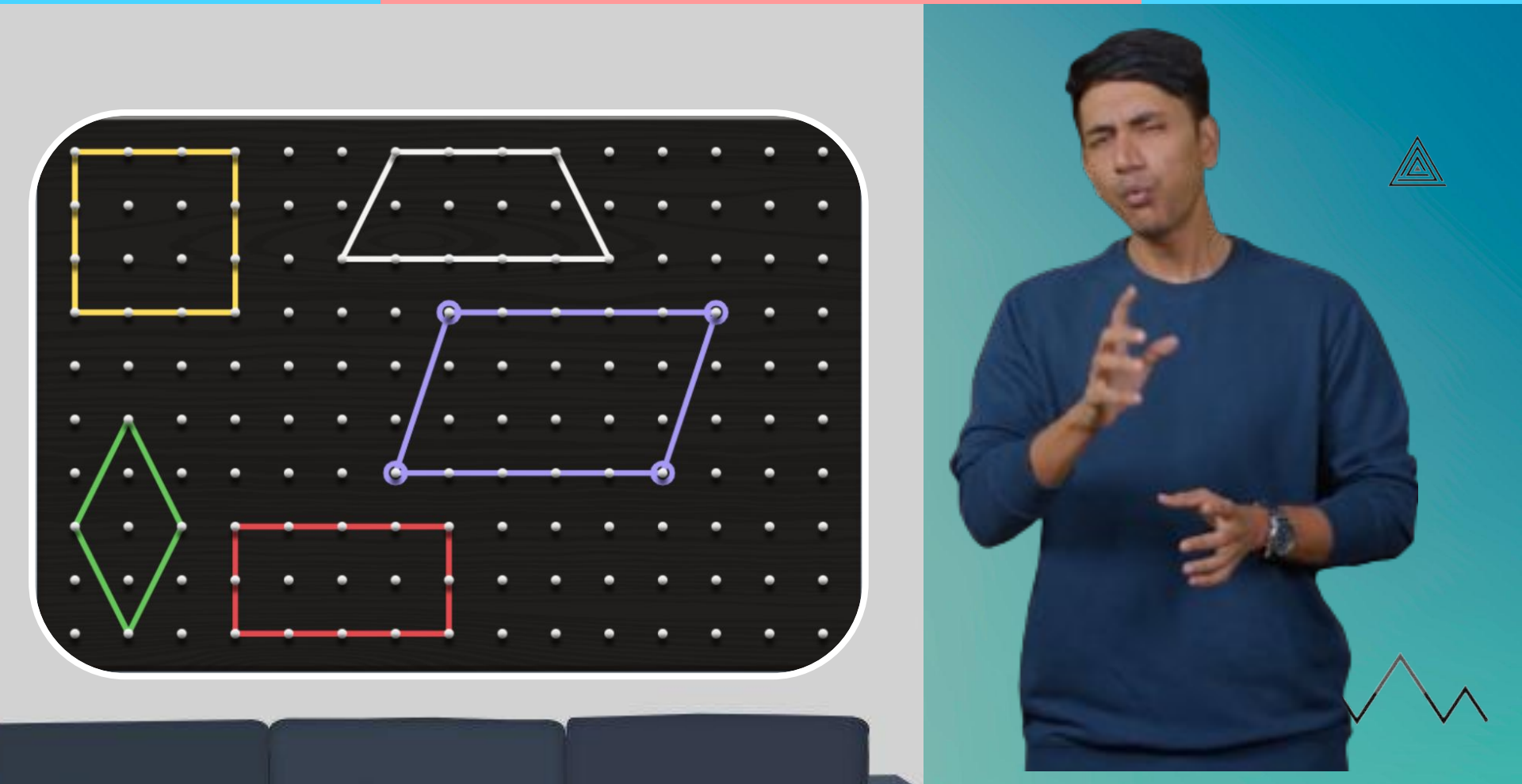

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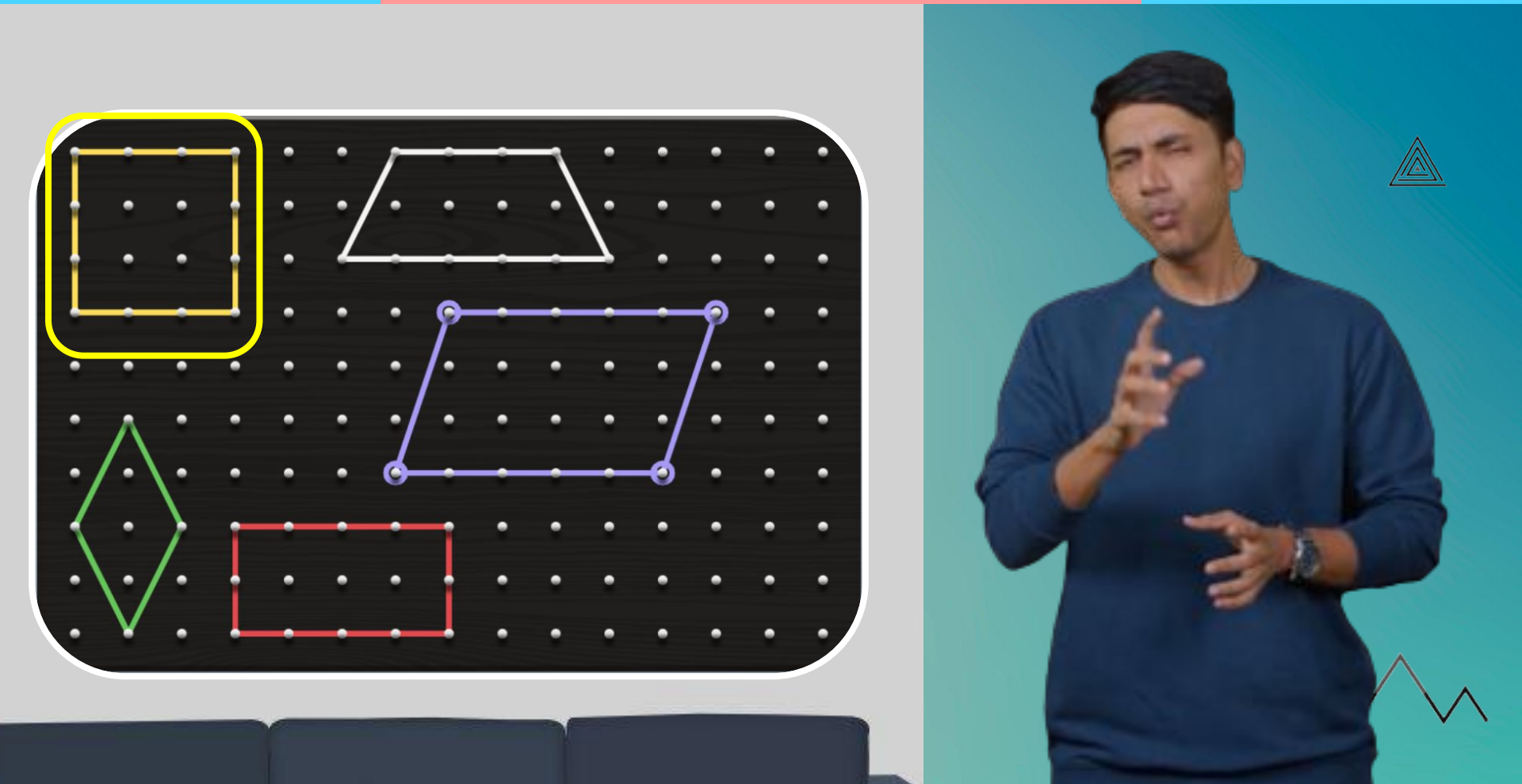

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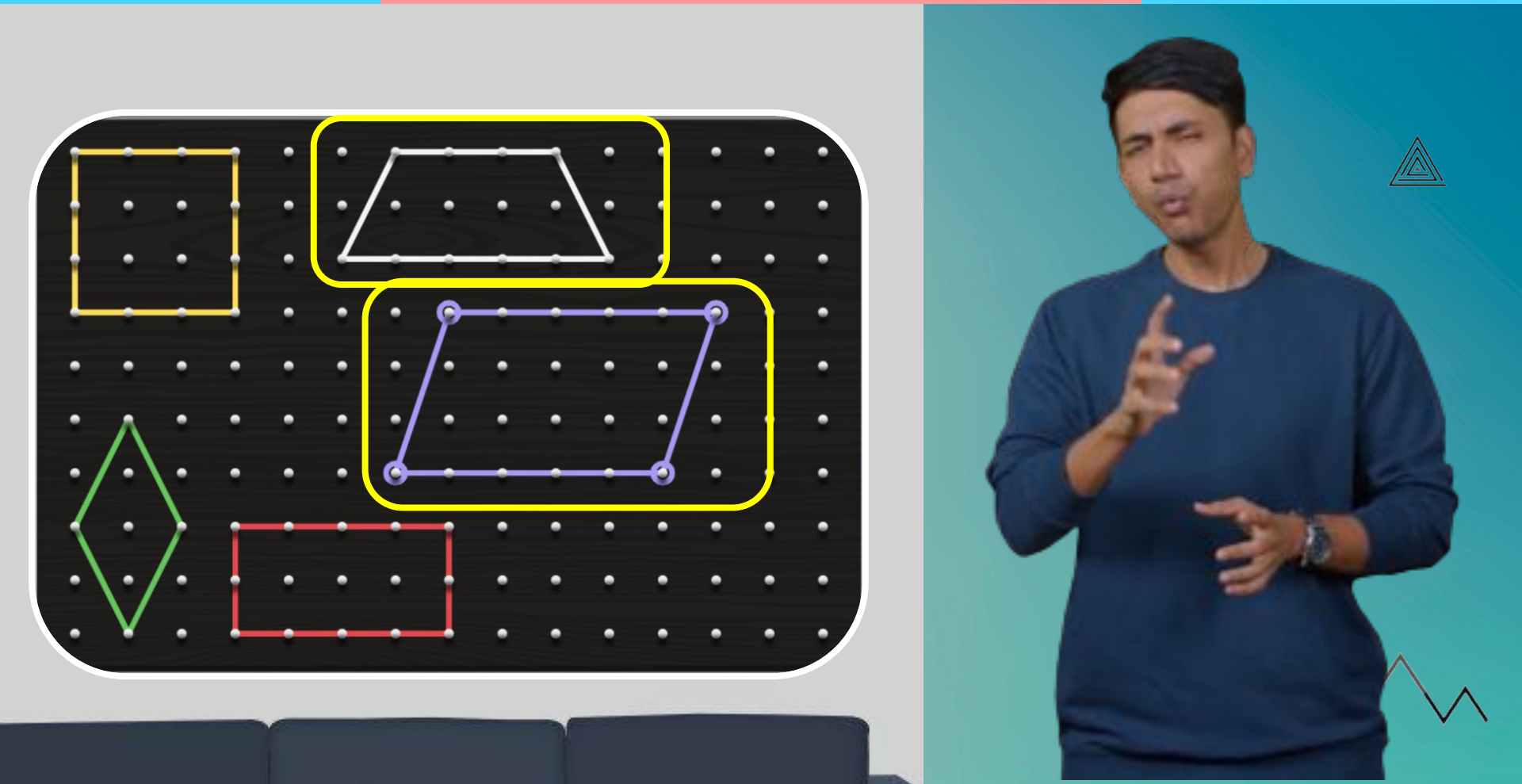

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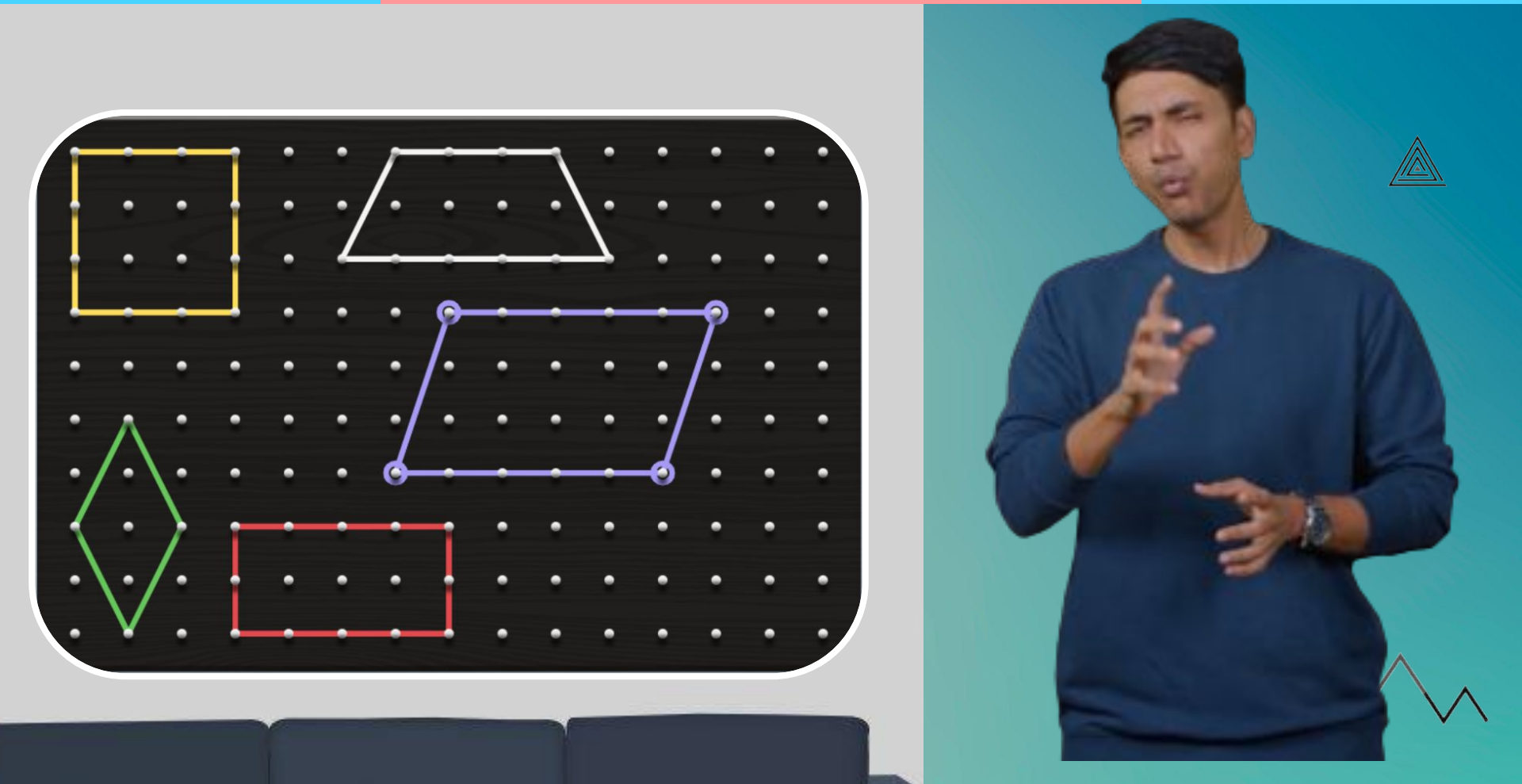

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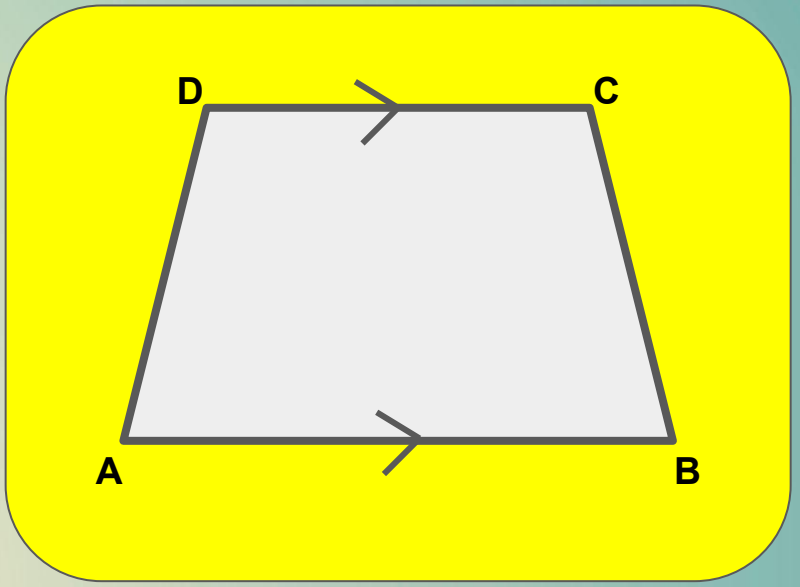

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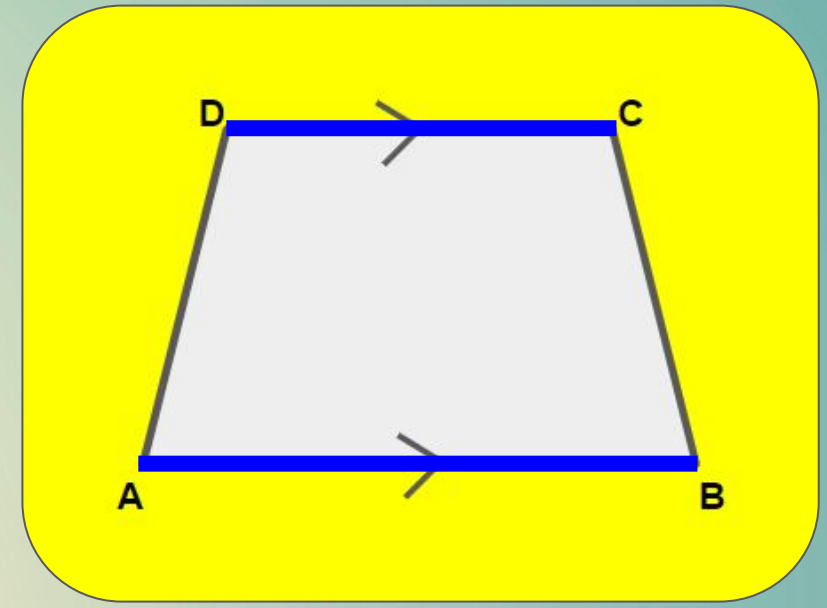

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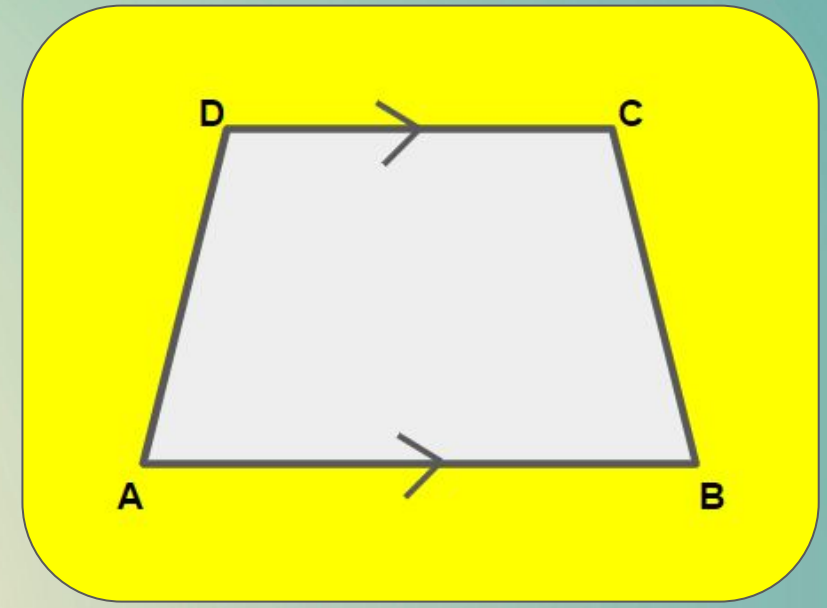

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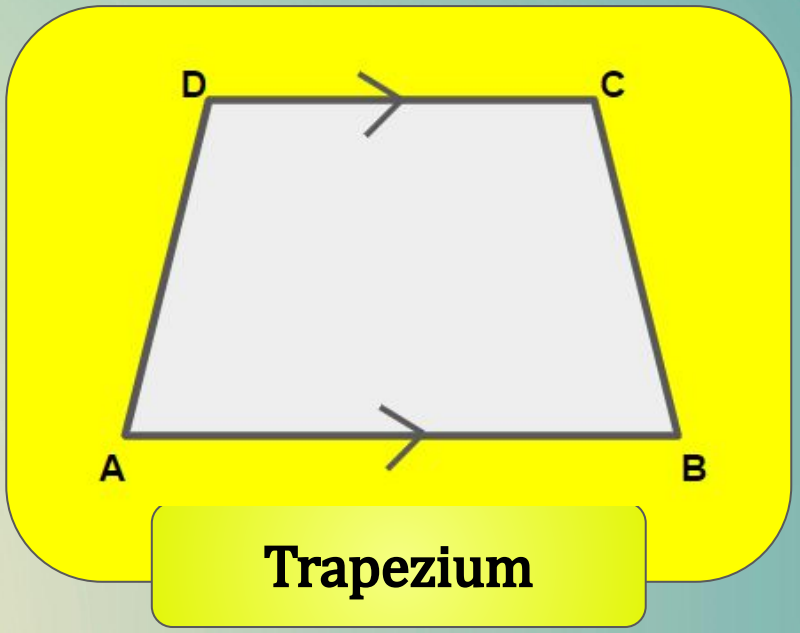

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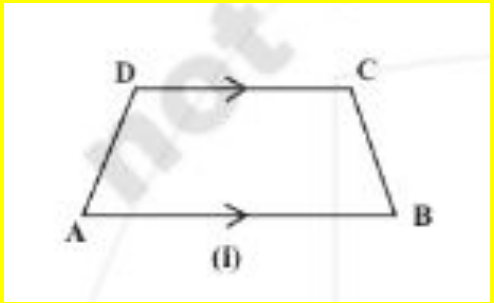

Trapezium

A quadrilateral having one pair of opposite sides parallel to each other is called a trapezium.

Frame No. 5

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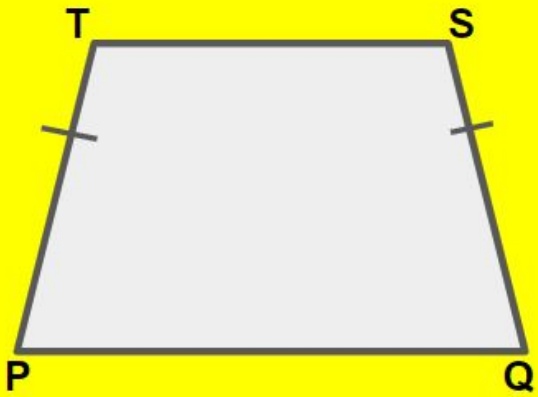

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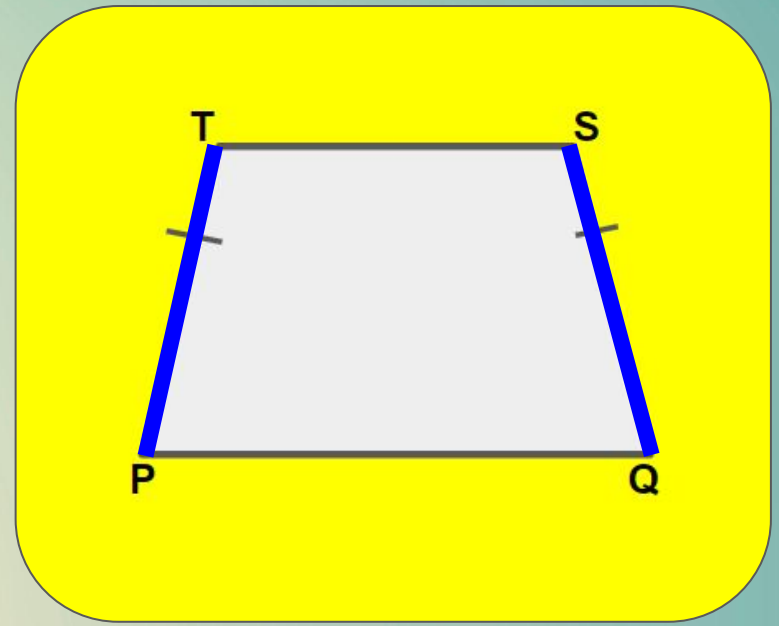

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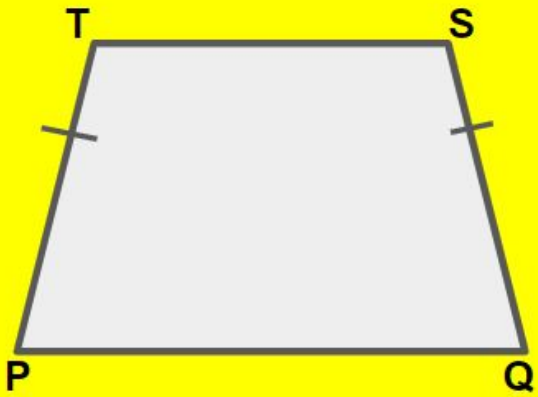

PT = SQ

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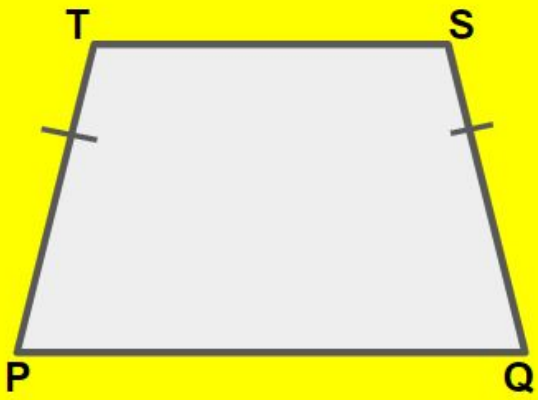
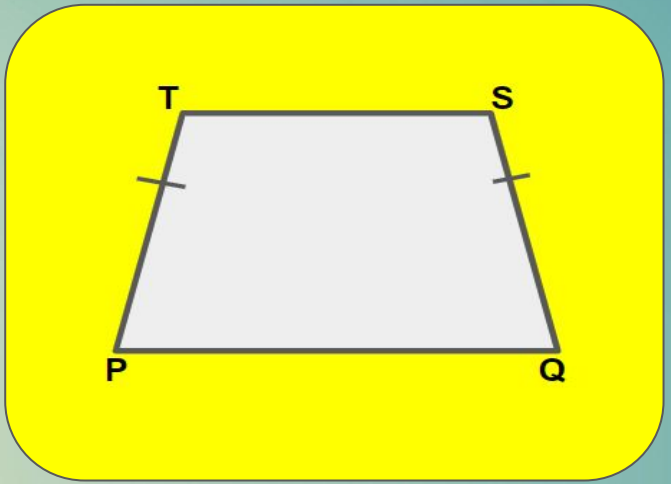


Isosceles Trapezium

Frame No. 5

Cowboy Shot



Isosceles Trapezium

In general, if the two non-parallel sides of a trapezium are equal, then it is called an isosceles trapezium.

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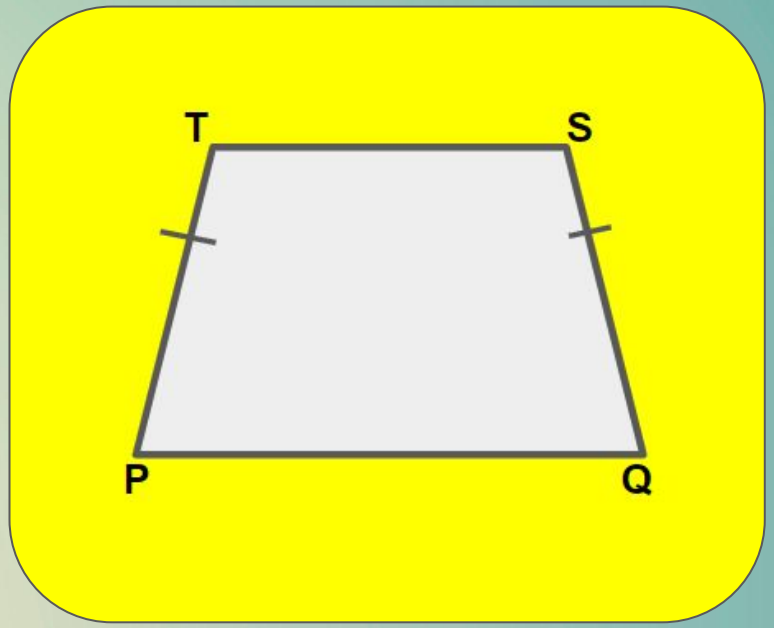

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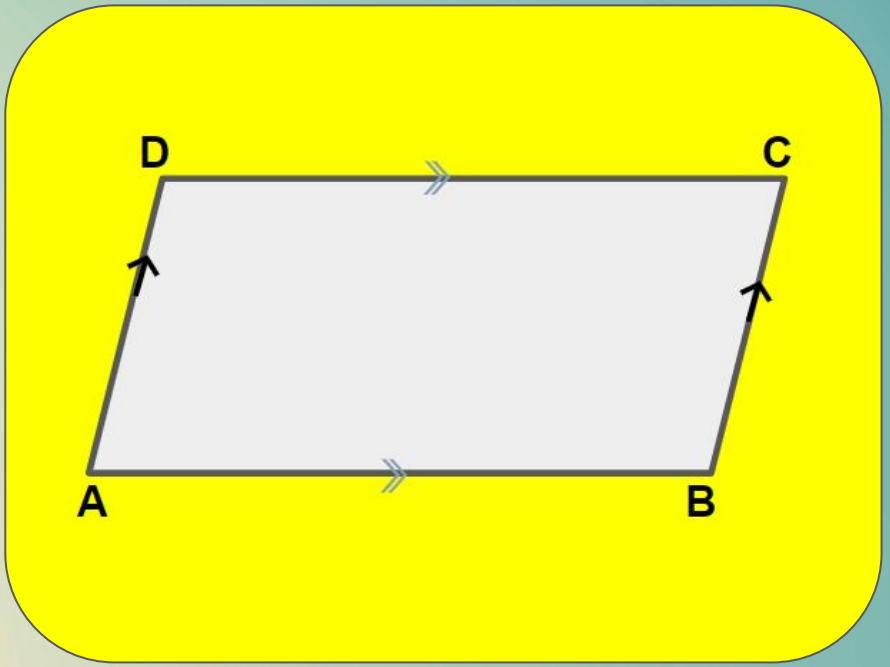

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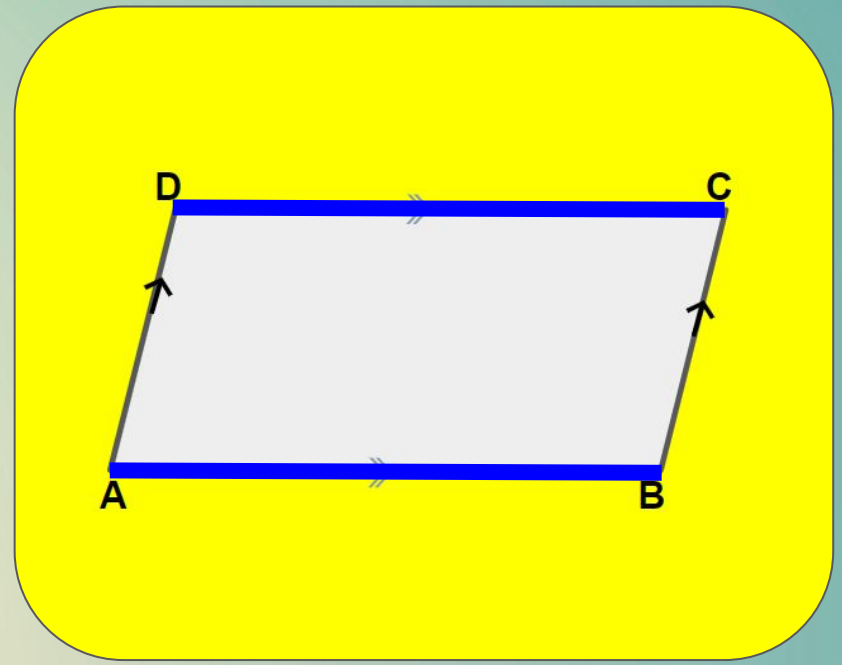

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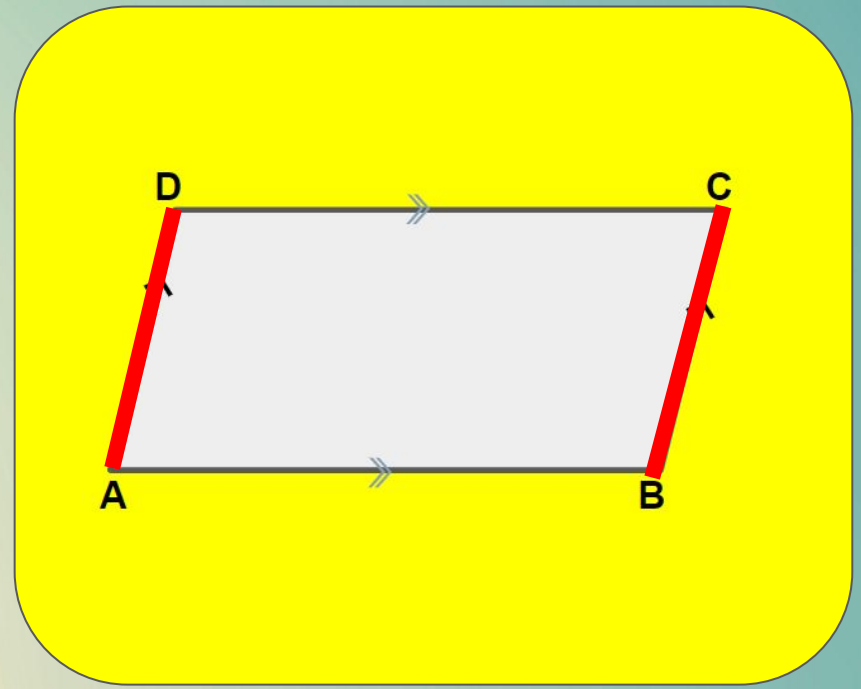

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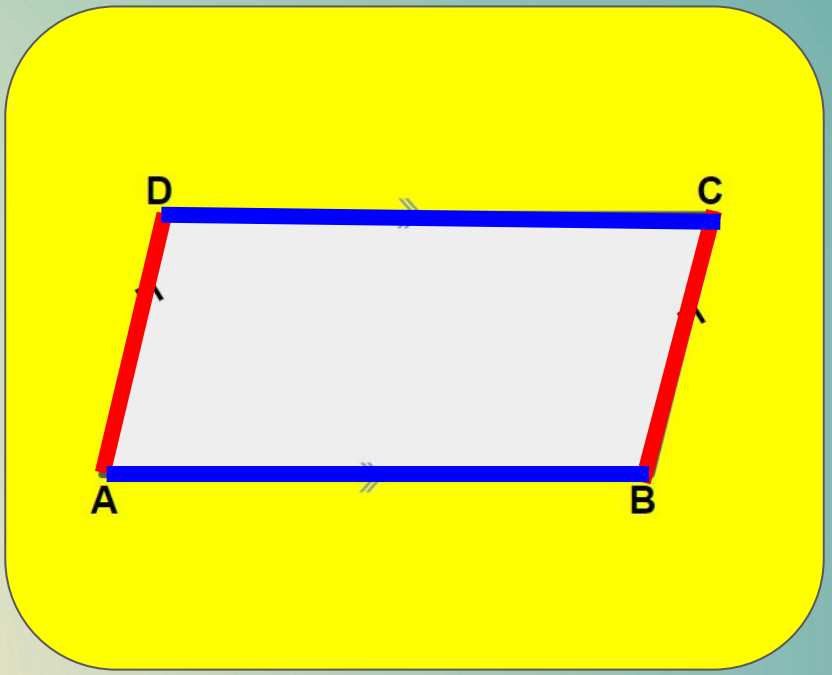
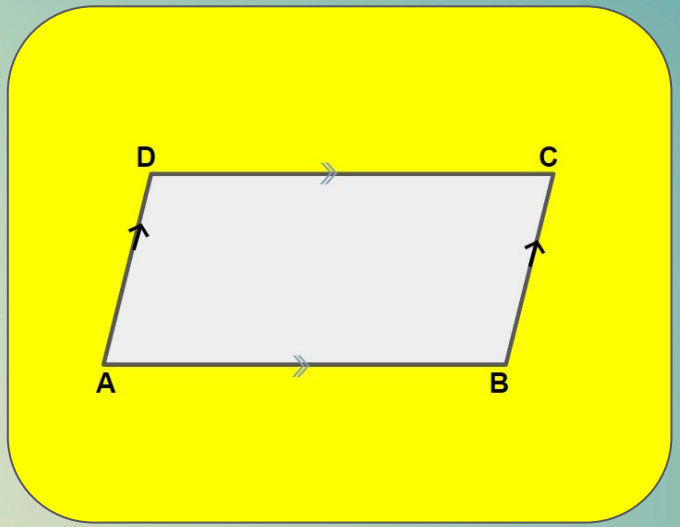
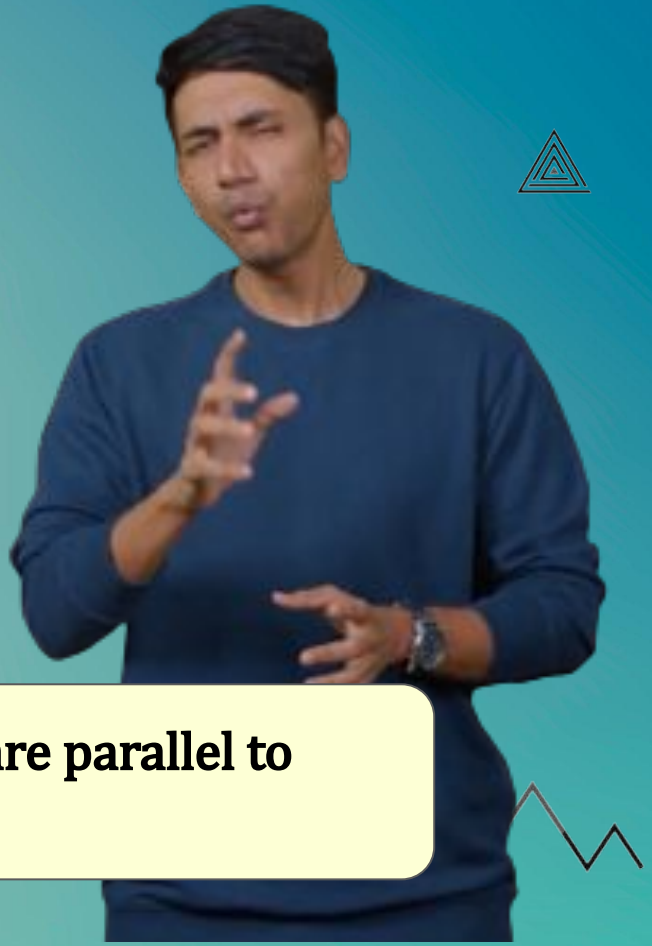


Frame No. 5

Cowboy Shot

Parallelogram





Parallelogram

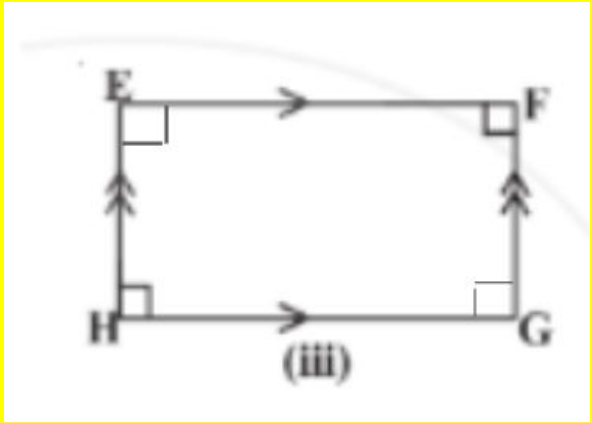
In a quadrilateral, if two pairs of opposite sides are parallel to each other, then it is a parallelogram.

Frame No. 5

Cowboy Shot

Frame No. 5

Cowboy Shot



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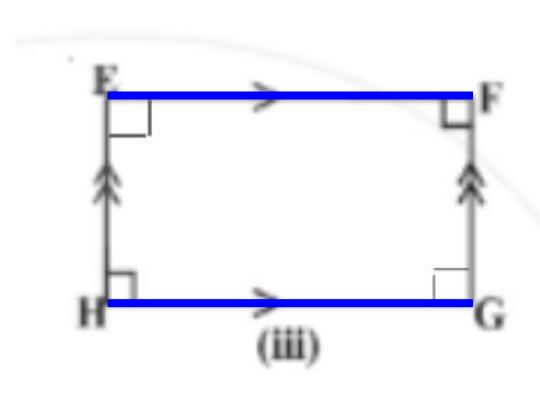

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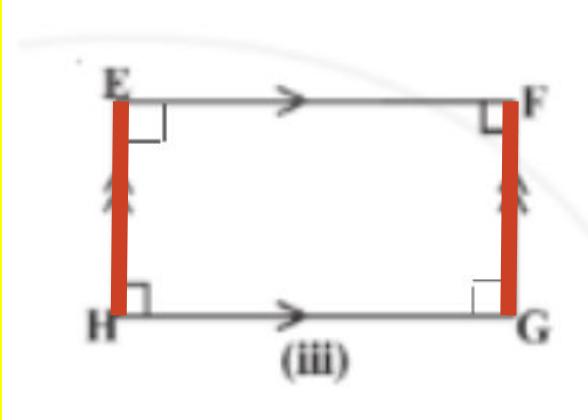

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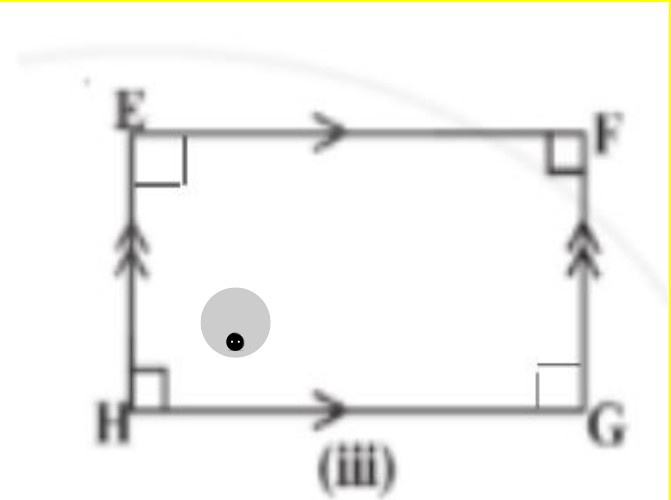

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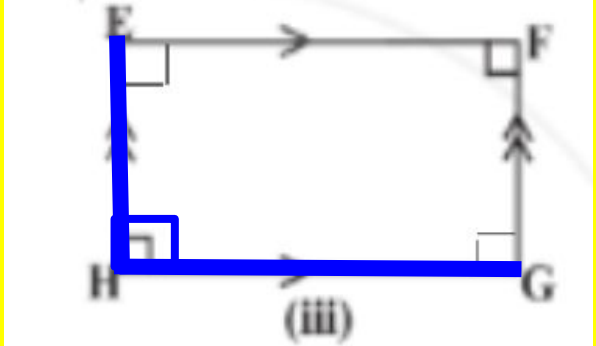

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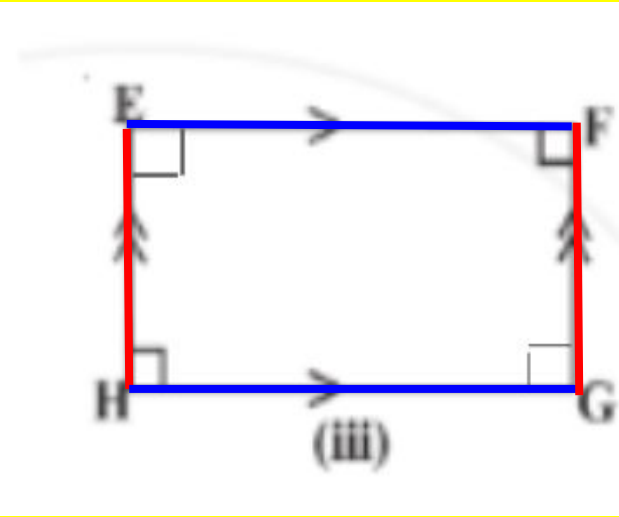

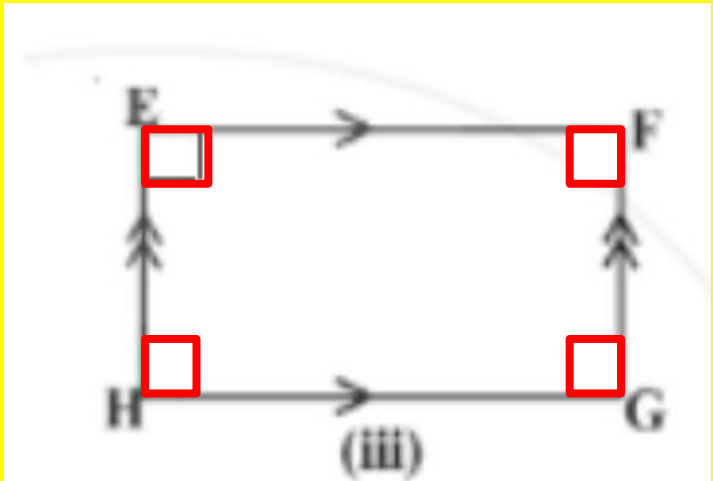
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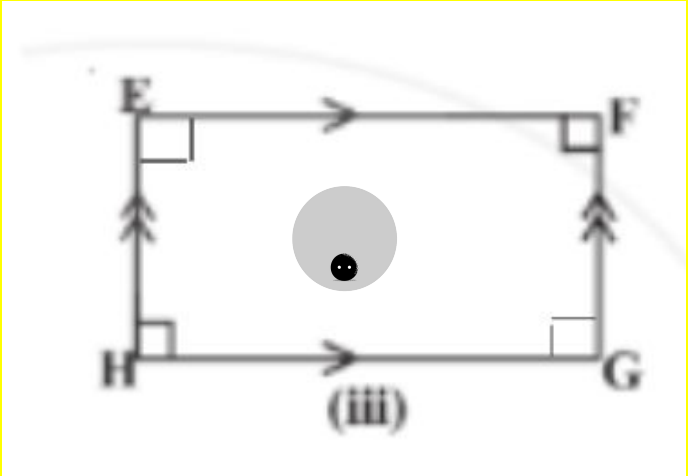
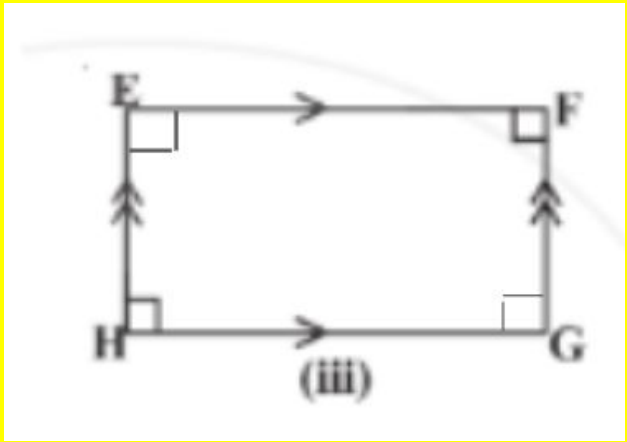
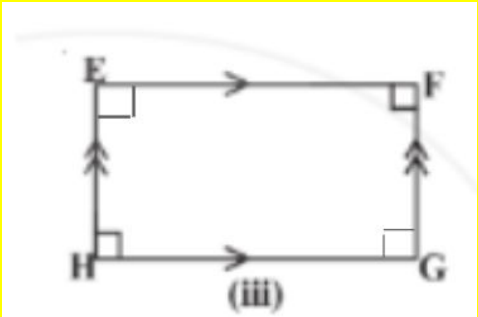
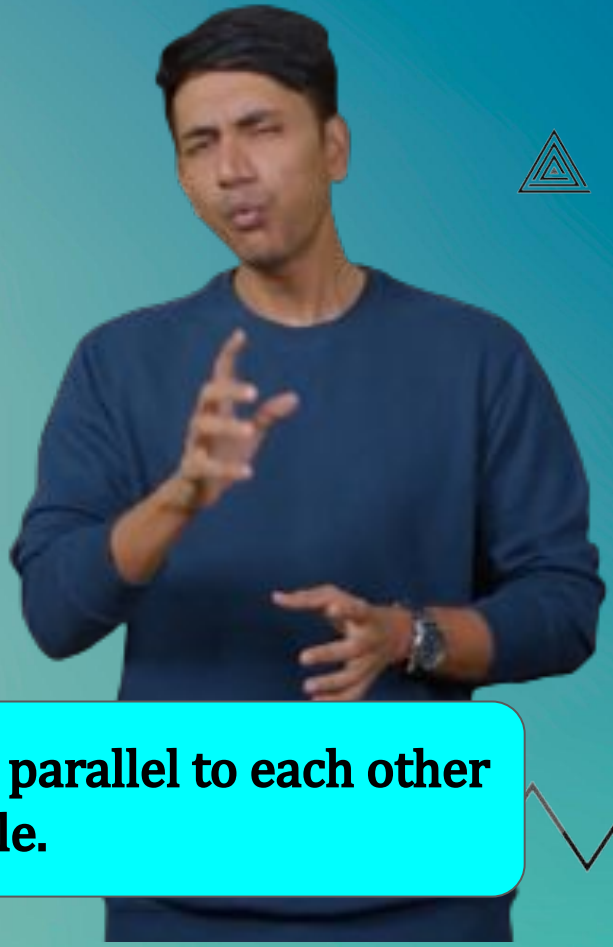




Rectangle





Rectangle

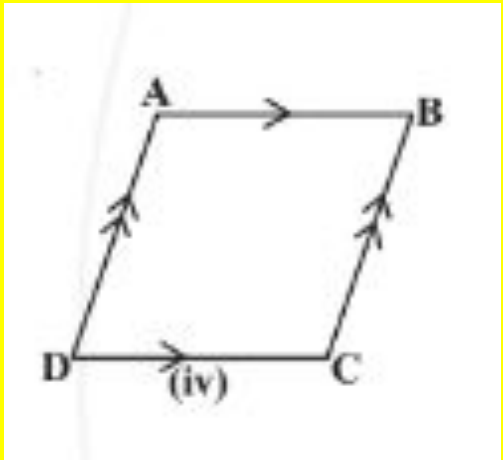
A quadrilateral having two pairs of opposite sides parallel to each other with each angle as a right angle is called a rectangle.

Frame No. 5

Cowboy Shot

Frame No. 5

Cowboy Shot



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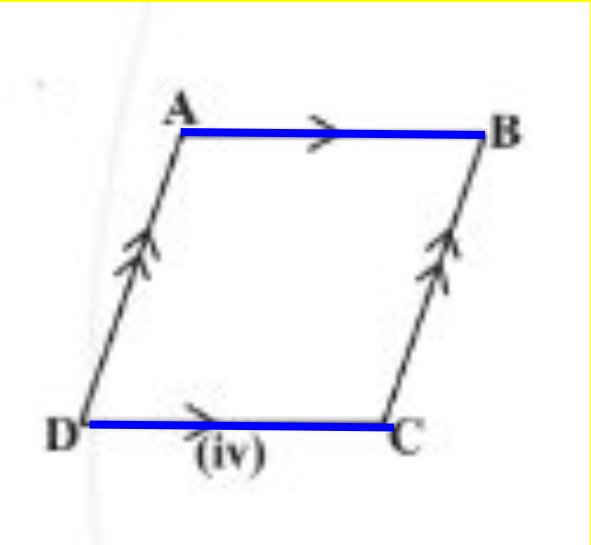

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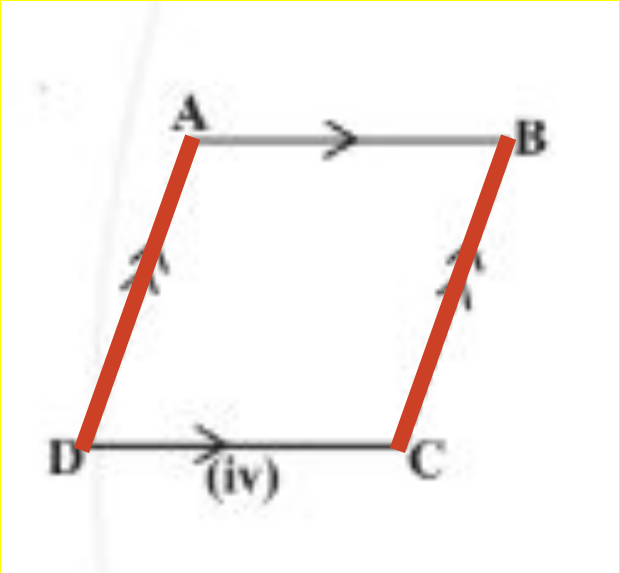

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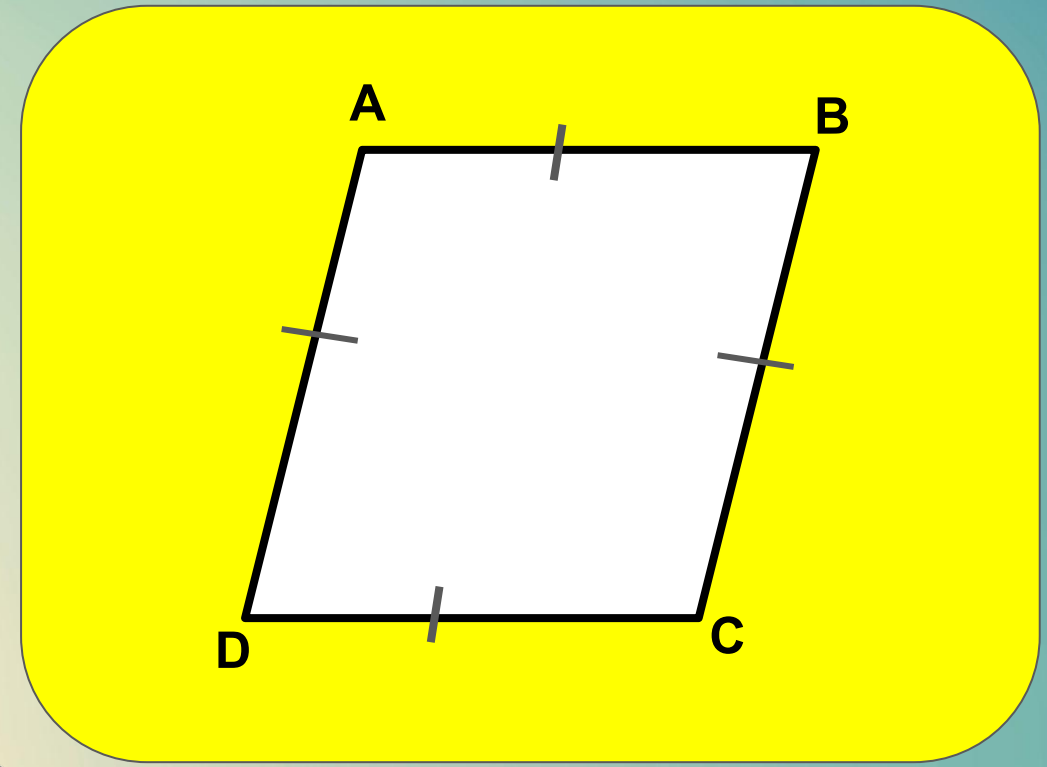

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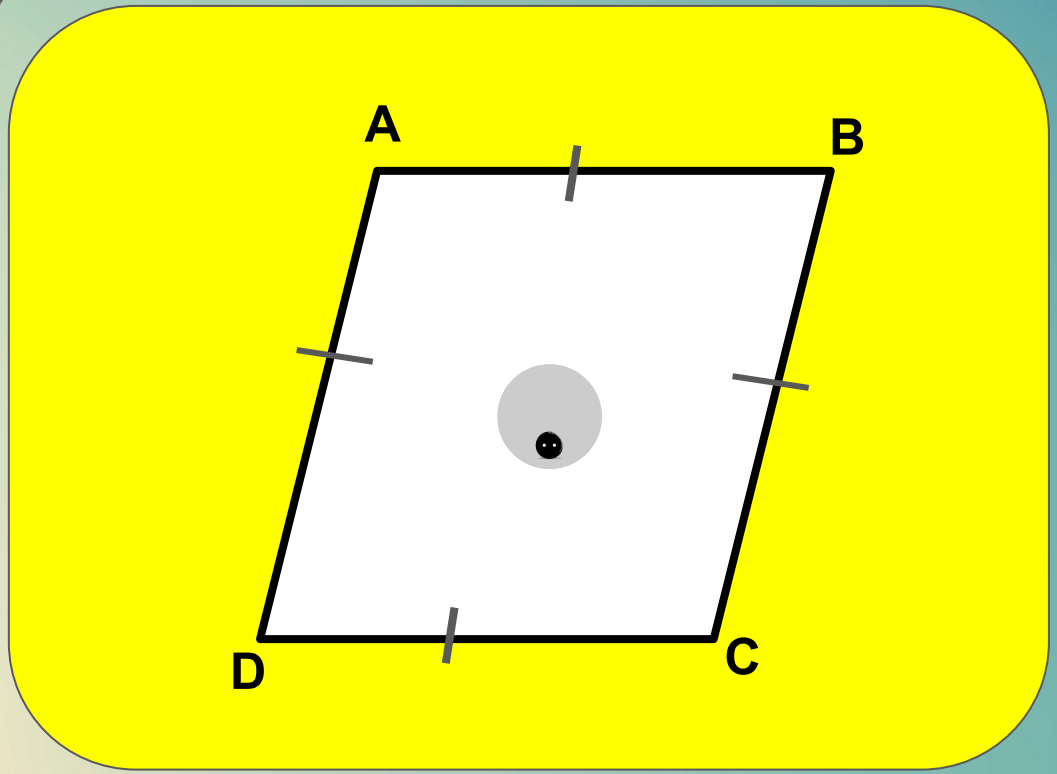

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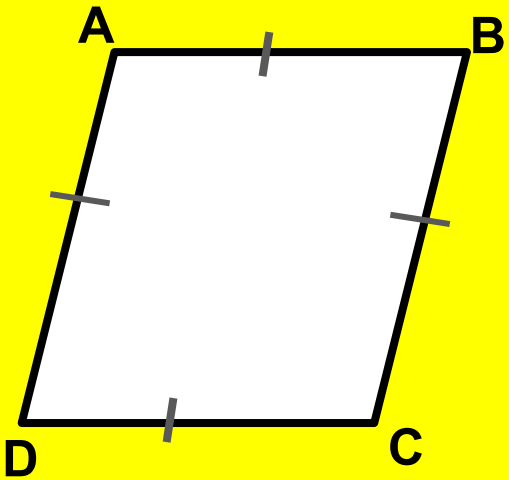
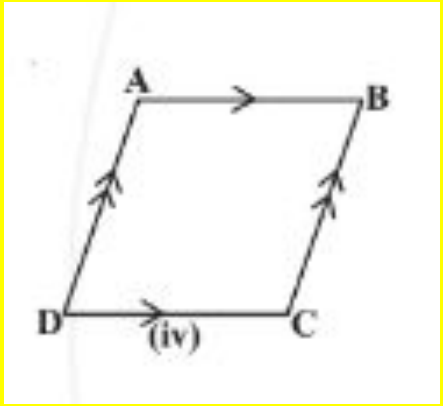


Rhombus

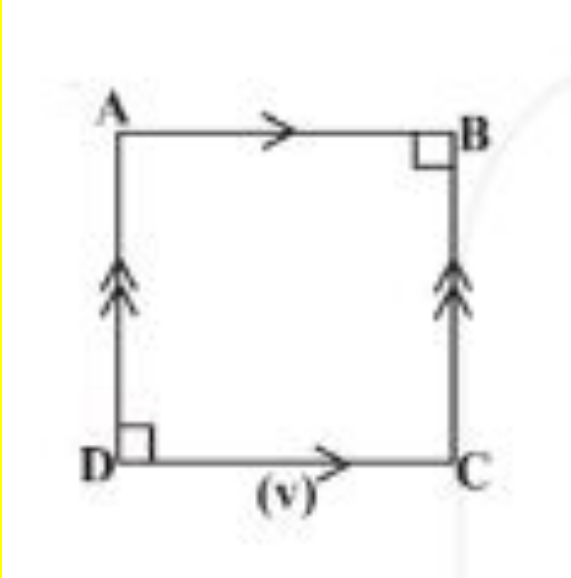


Rhombus

A quadrilateral having two pairs of opposite sides parallel and with all sides equal to each other is called a rhombus.

Frame No. 5

Cowboy Shot



Quadrilateral

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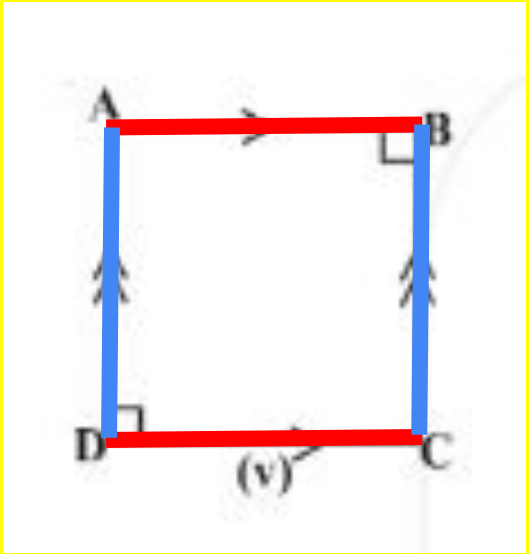

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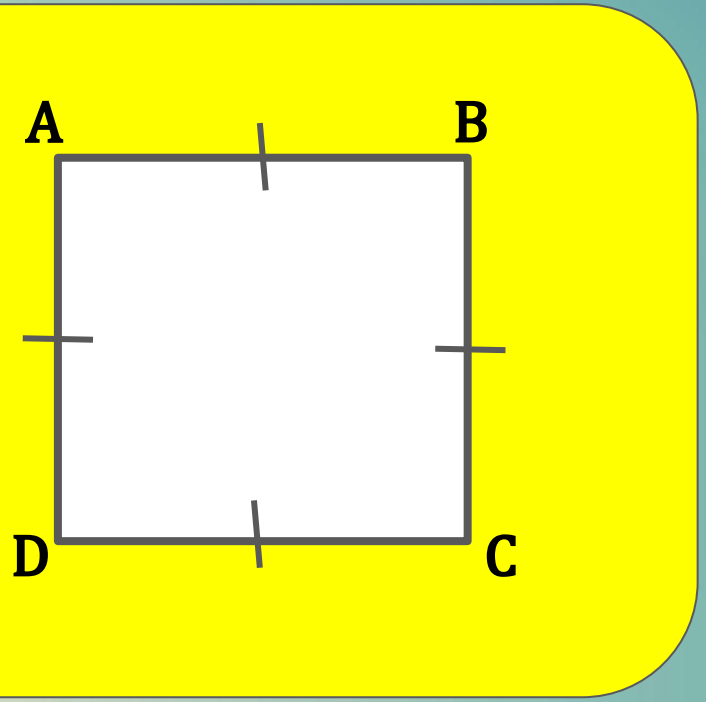

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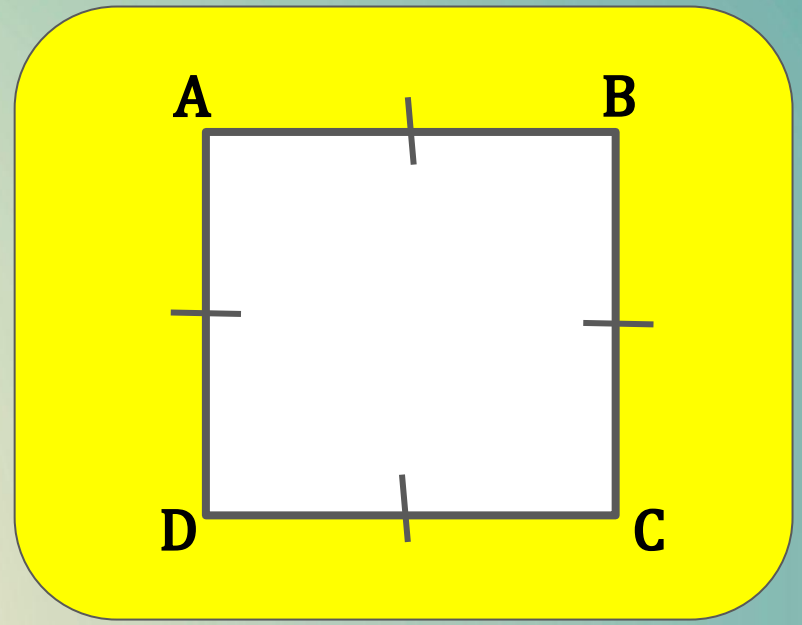

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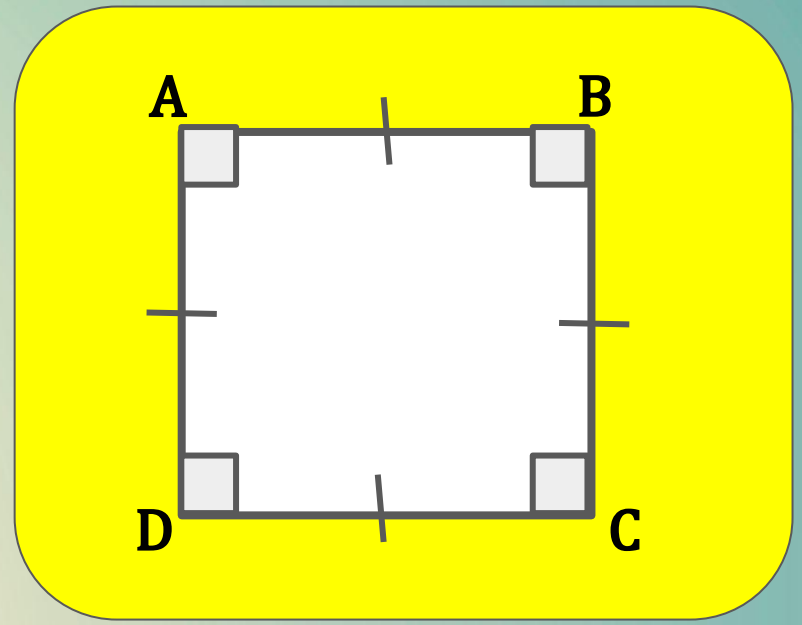

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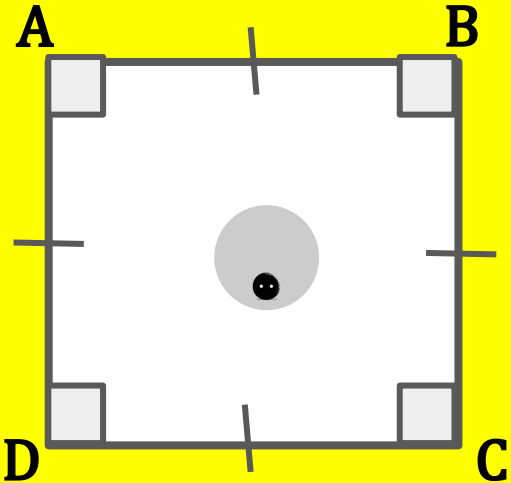
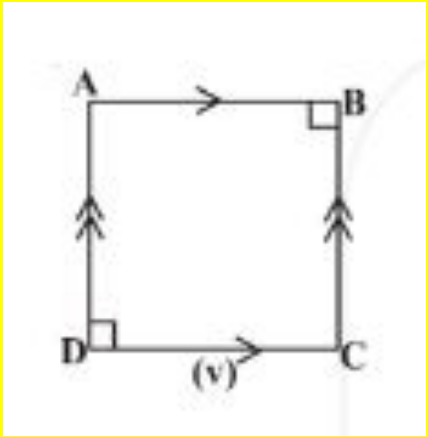
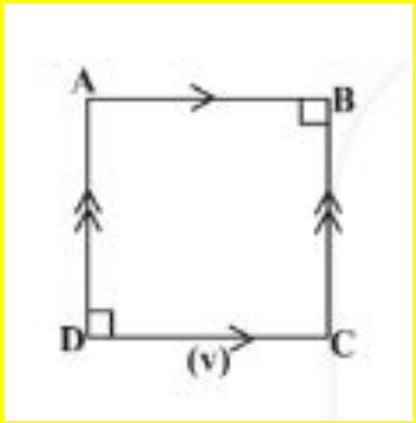
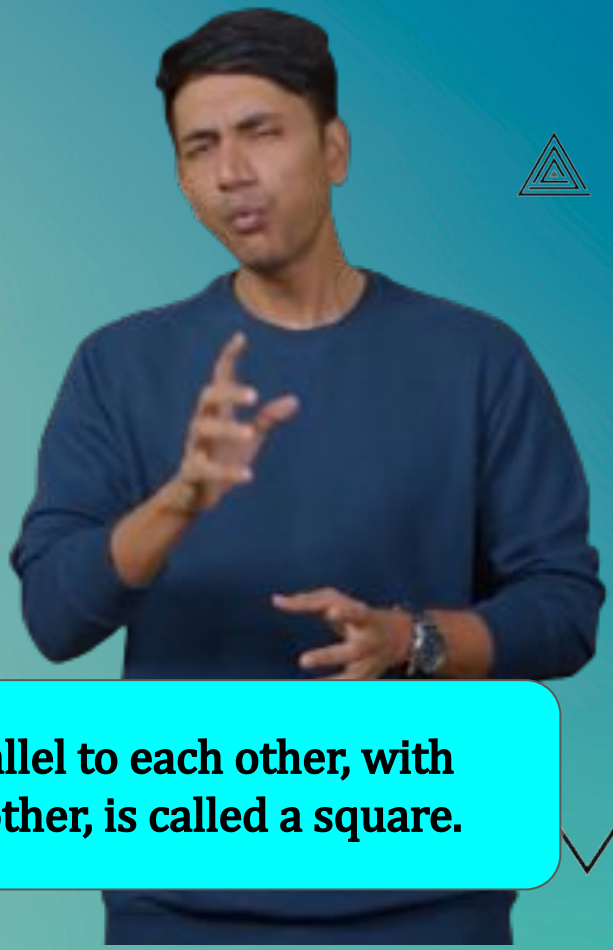




Square





Square

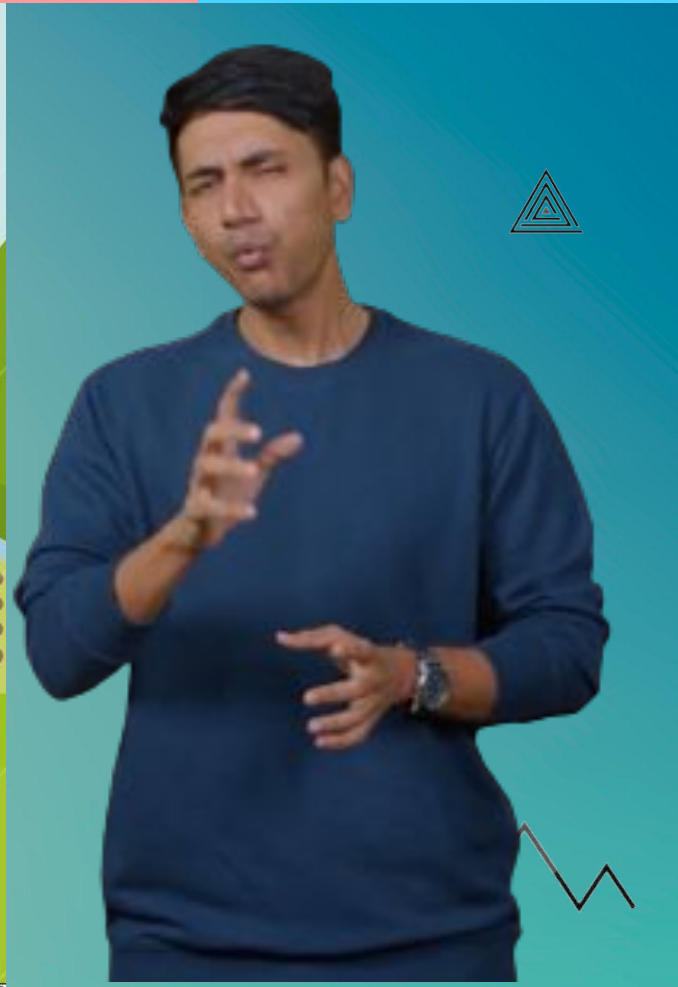
A quadrilateral having two pairs of opposite sides parallel to each other, with each angle as a right angle and all sides equal to each other, is called a square.

Frame No. 5

Cowboy Shot

Frame No. 5

Cowboy Shot



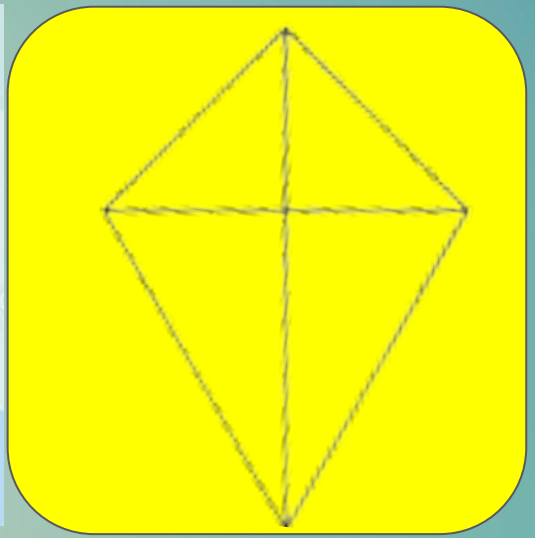
Frame No. 5

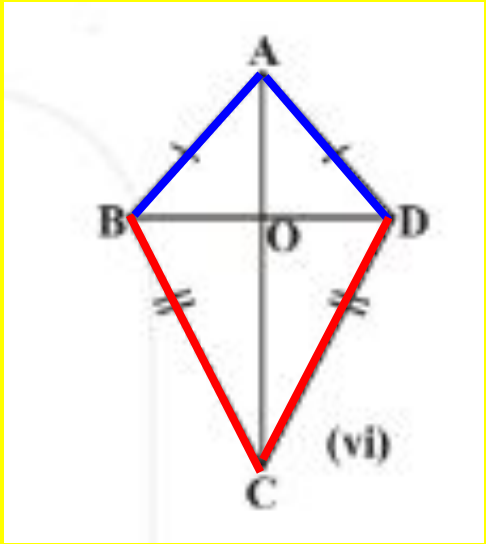
Cowboy Shot

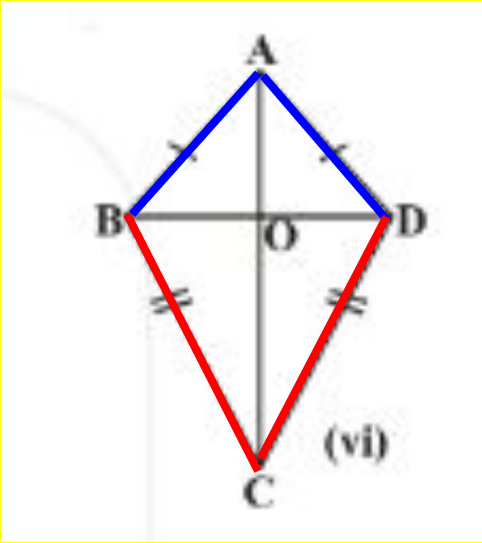
Kite

Frame No. 5

Cowboy Shot

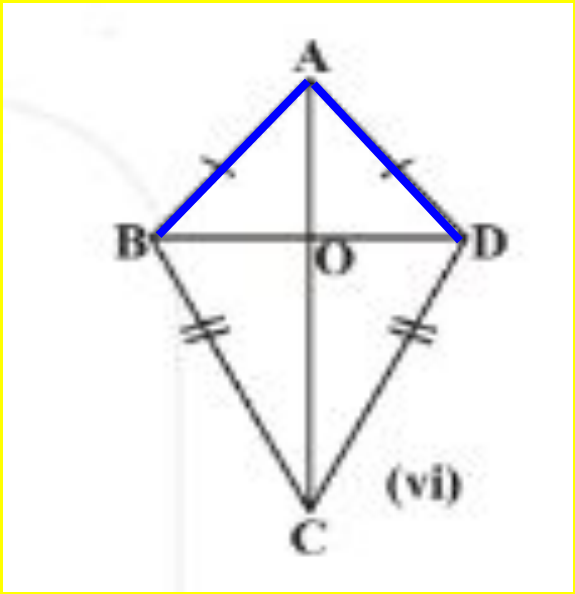



A
B
O
D
C
(vi)

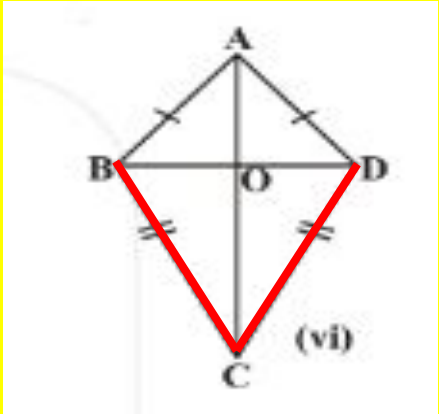

A
B
O
D
C
(vi)

Frame No. 5

Cowboy Shot



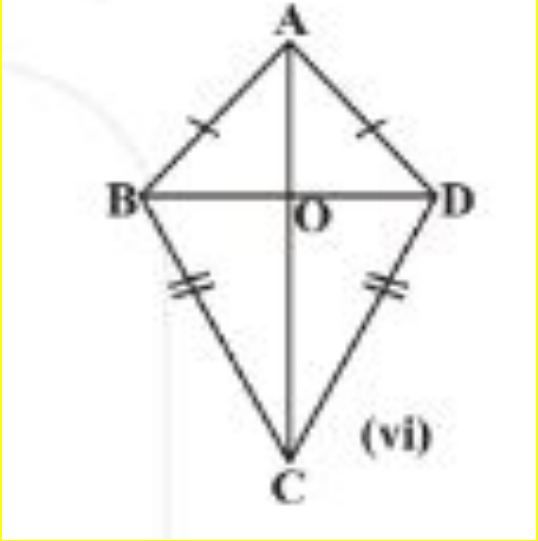
AB = AD

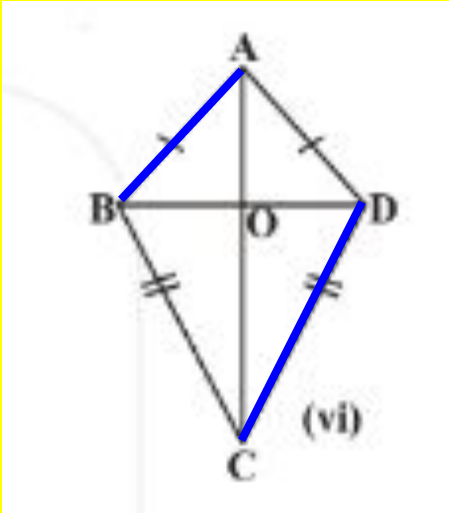


AB = AD
CB = CD

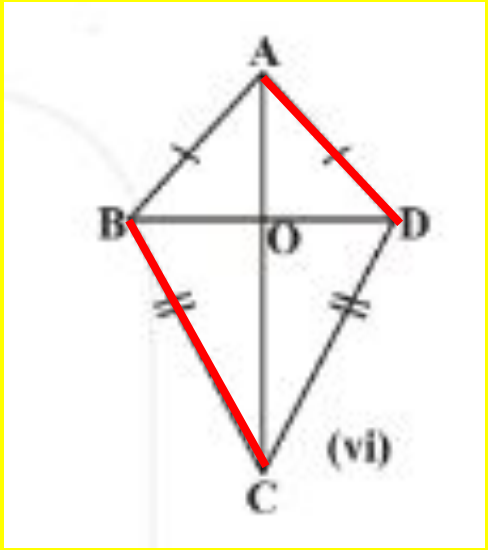
Frame No. 5

Cowboy Shot

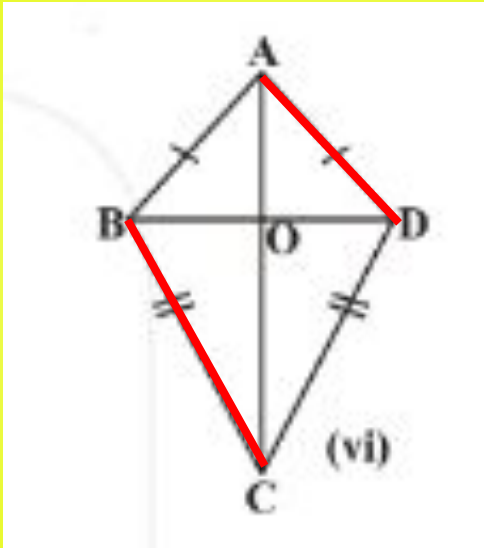




$AB \neq DC$



$BC \neq AD$

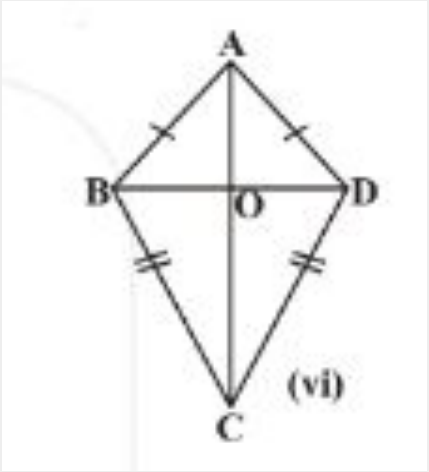


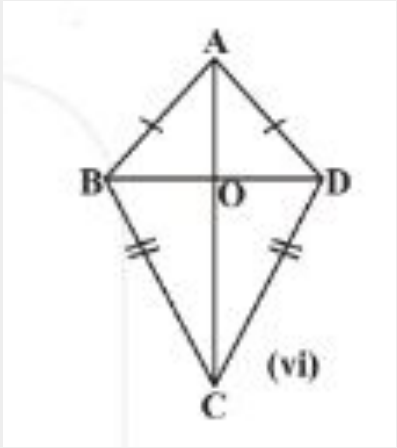
$AB \neq DC$

$BC \neq AD$

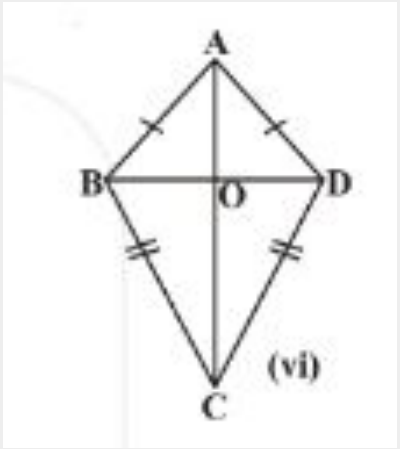
Frame No. 5

Cowboy Shot





Kite

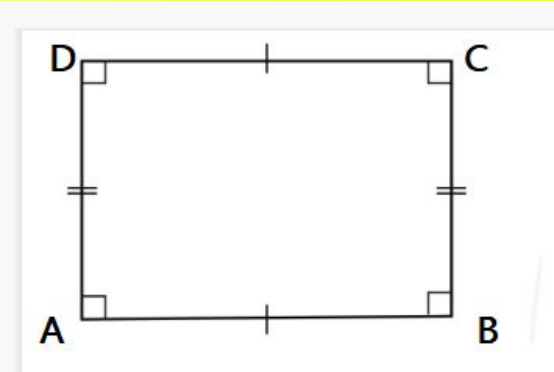


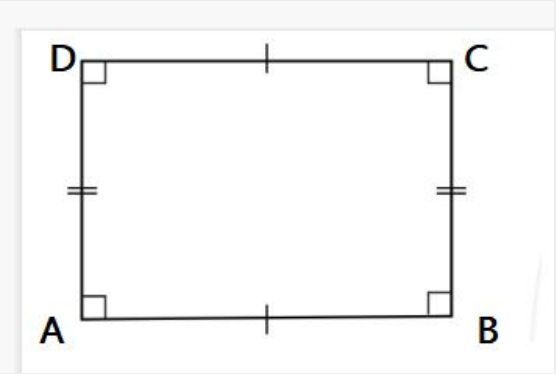
Kite

A quadrilateral is a kite if it has two pairs of equal adjacent sides and unequal opposite sides.

Frame No. 5

Cowboy Shot

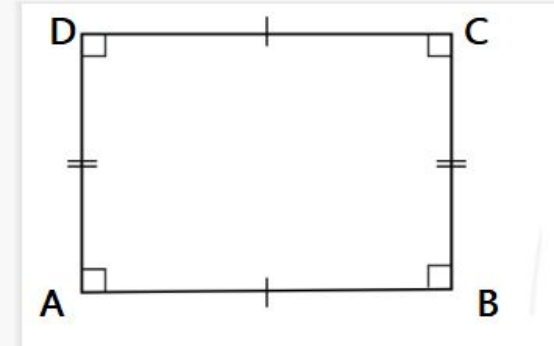




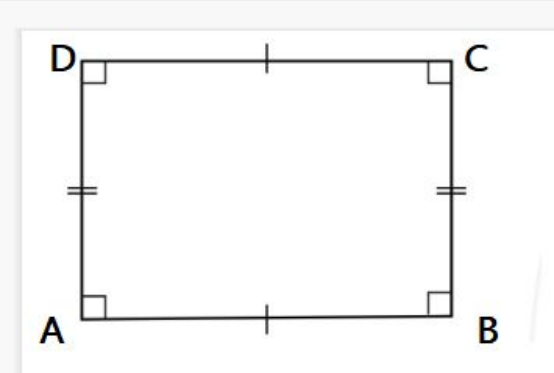
Rectangle

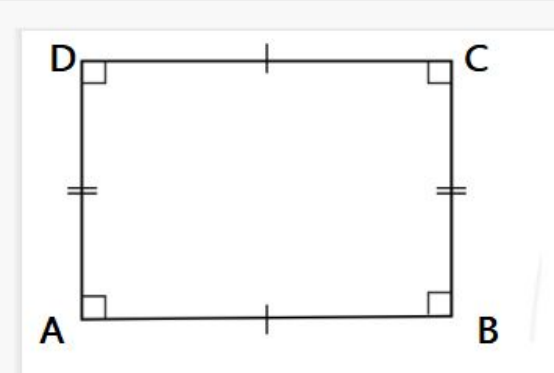
Frame No. 5

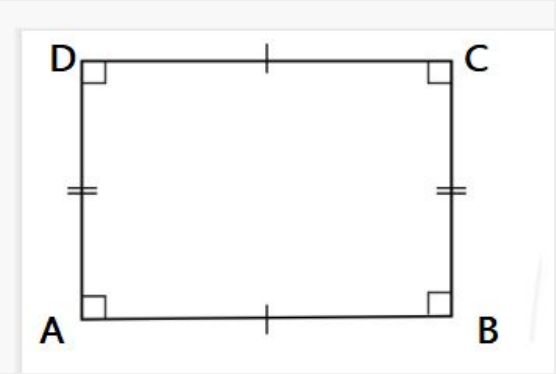
Cowboy Shot



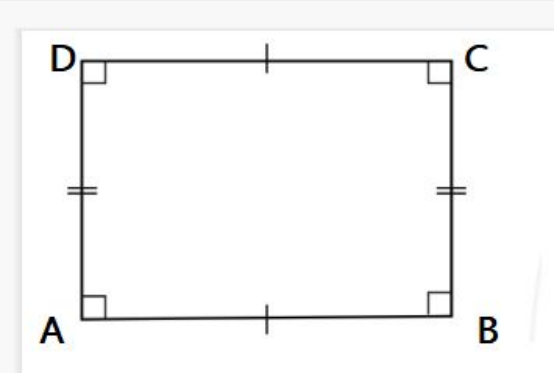
Parallelogram

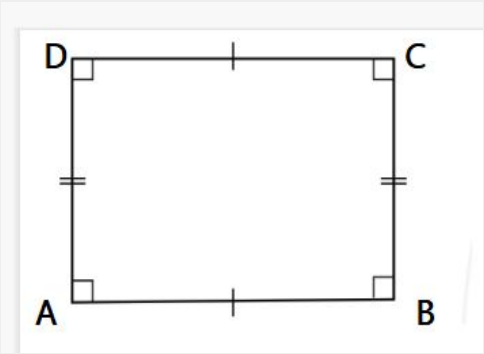

D
C
A
B


D
C
A
B



Parallelogram

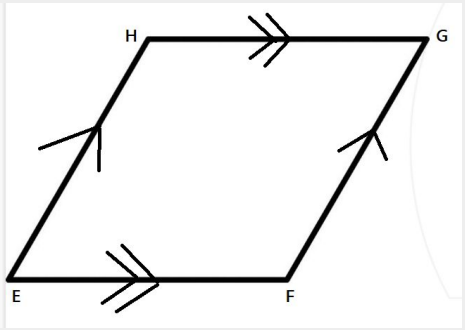

D
C
A
B



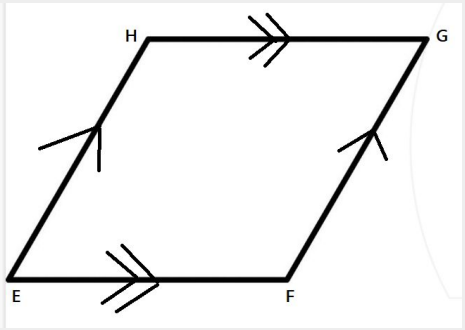
A rectangle is a parallelogram whose each angle is of the measure 90°

Frame No. 5

Cowboy Shot



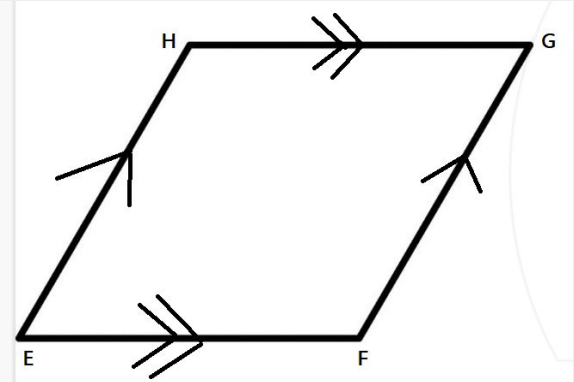
Rhombus



Parallelogram

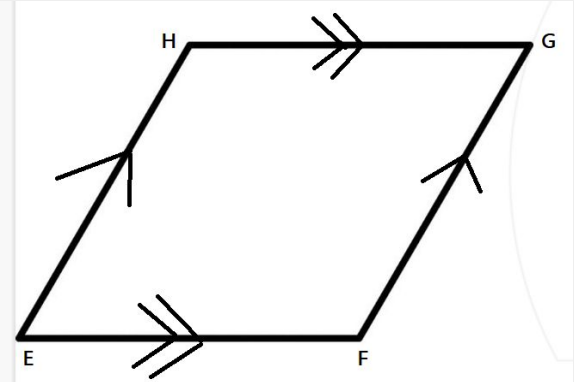
Frame No. 5

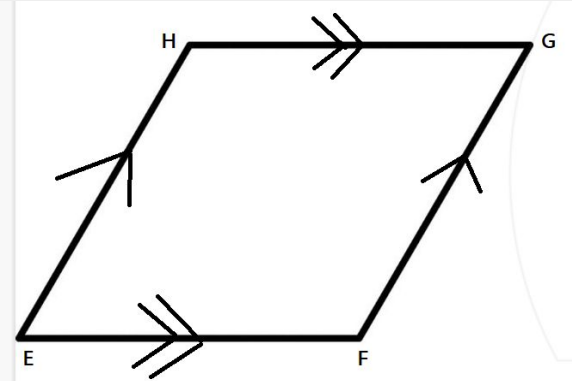
Cowboy Shot



Frame No. 5

Cowboy Shot

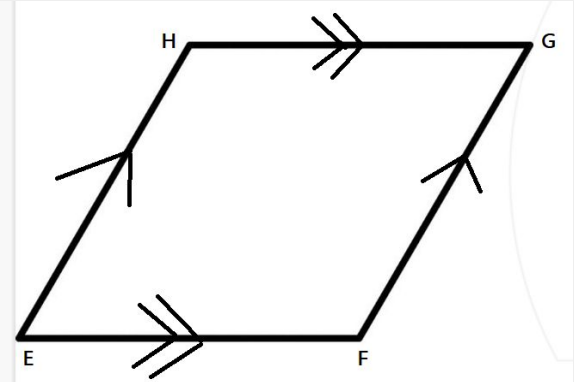


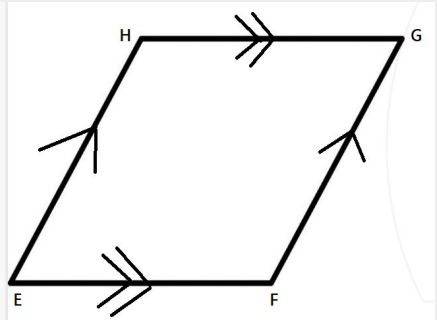


Parallelogram

Frame No. 5

Cowboy Shot

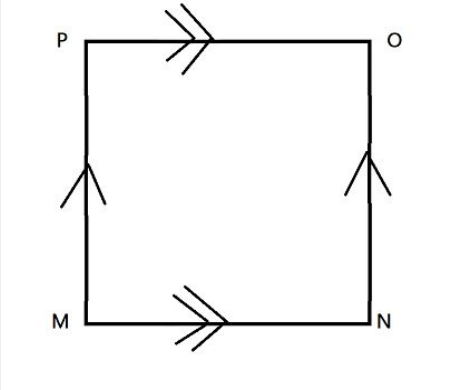




A rhombus is a parallelogram in which all the sides are equal to each other.

Frame No. 5

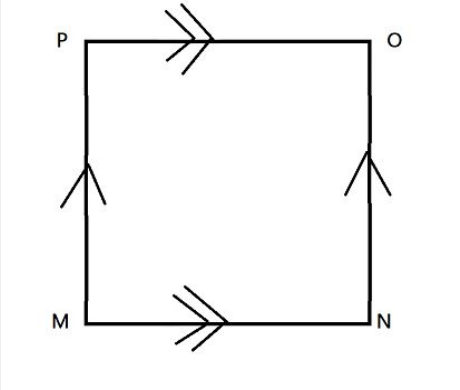
Cowboy Shot



Square

Frame No. 5

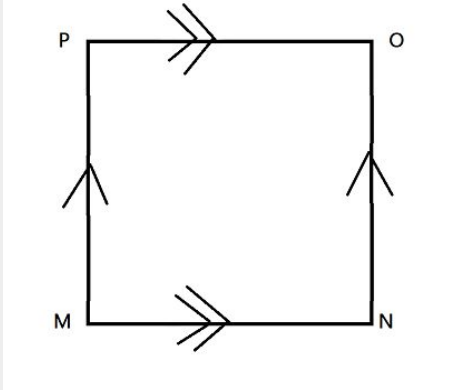
Cowboy Shot



Parallelogram

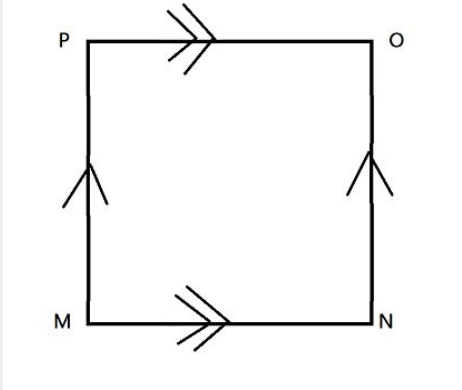
Frame No. 5

Cowboy Shot



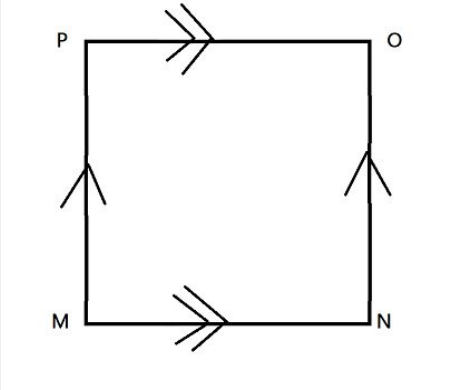
Frame No. 5

Cowboy Shot



Frame No. 5

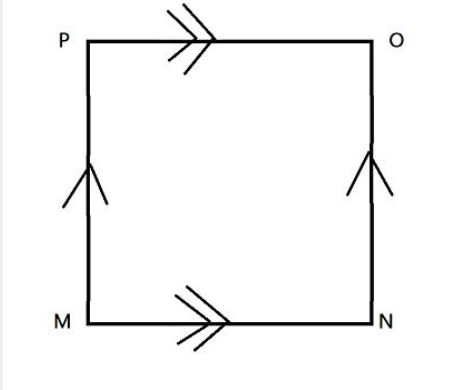
Cowboy Shot



Parallelogram

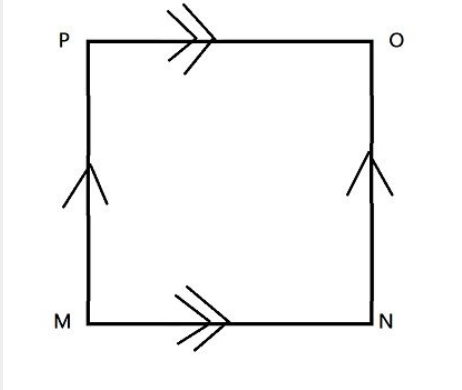
Frame No. 5

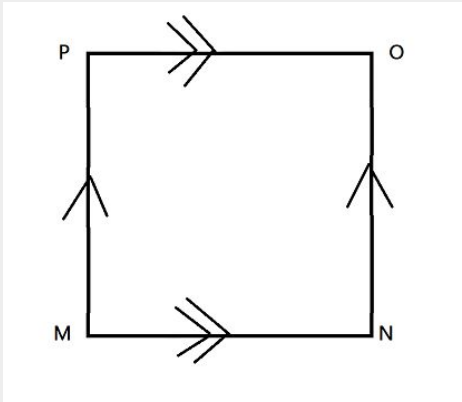
Cowboy Shot



Frame No. 5

Cowboy Shot





A square is a parallelogram whose all sides are equal to each other and each angle is a right angle.

Frame No. 5

Cowboy Shot

Frame No. 5

Cowboy Shot