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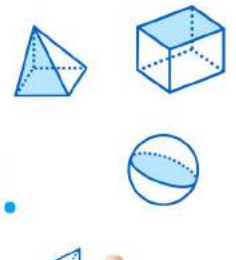

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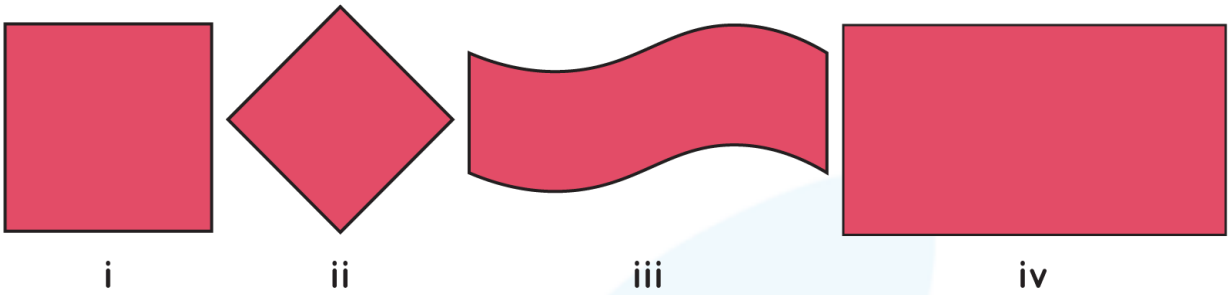
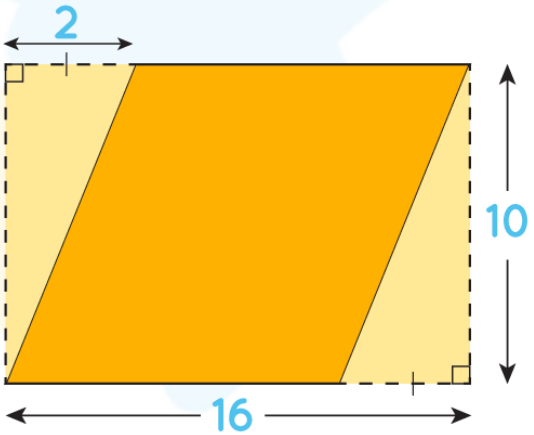
Parallelogram Worksheet IV

1) Which of the following is not a parallelogram?



2) State whether the following is a property of a parallelogram or not:
Adjacent angles of a parallelogram are supplementary.

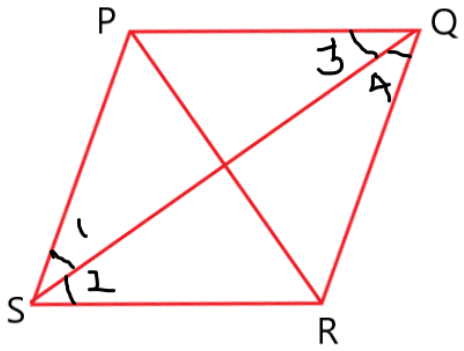
3) What will be the area of the given shape?



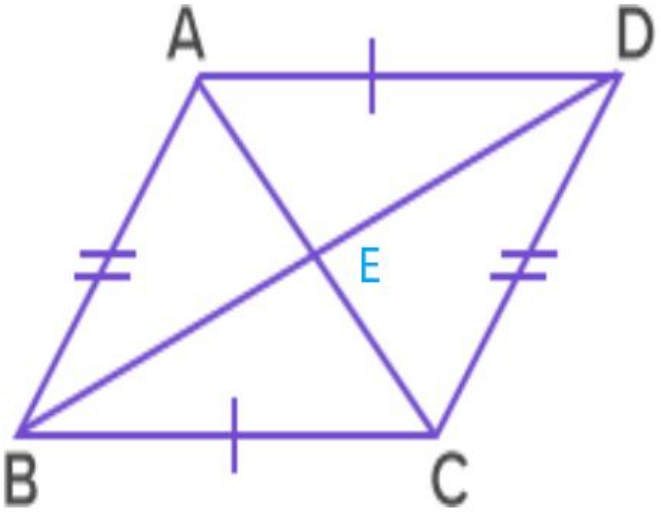
4) Jayden wants to know the perimeter of the rectangular table. If the length and width of the table are 30 ft and 40 ft. Find the perimeter of the table.

5) Find the length of the wire required to do the fencing of a square field of length 30 m.

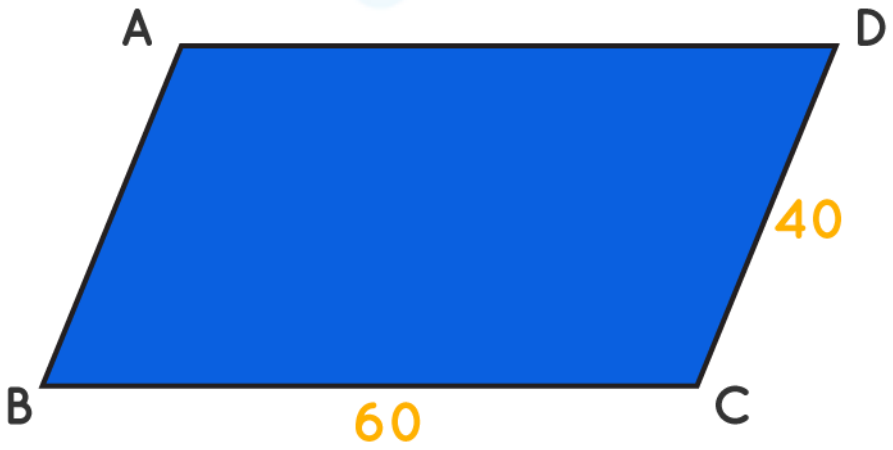
6) Find the ∠1 and ∠3. If ∠2 = 30° and ∠4 = 50°.



7) In the given figure, if the AC = 8 in, and ED = 8 in. Find the value of AE and BD.



8) Find the perimeter of the given shape:



9) State whether the given statement is true or false:
All squares are rectangle, but all rectangles are not square.

10) Find the height of a parallelogram if the area of the parallelogram is 200 sq. units and length of the parallel bases is 10 units each.

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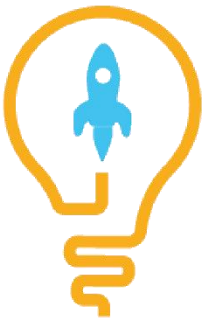

ANSWERS

1)	iii
2)	yes
3)	140
4)	140
5)	120 m
6)	$\angle 1 = 50°, \angle 3 = 30°$
7)	AE = 4, BD = 16
8)	200
9)	Yes, its correct.
10)	20 units

FUN FACT

1. A square is a parallelogram.
2. In a parallelogram, opposite sides are always parallel to each other.
3. Opposite angles of a parallelogram are always equal.