

Challenge

4 Shapes in 1

On each shape, connect the midpoints of 2 opposite sides. Then connect the midpoints of the other 2 sides. What new shapes are formed? Ring all possible answers.

1.



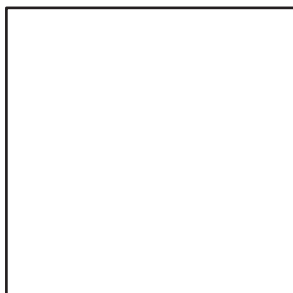
squares

parallelograms

rectangles

quadrilaterals

2.



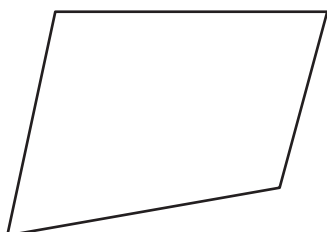
squares

parallelograms

rectangles

quadrilaterals

3.



squares

parallelograms

rectangles

quadrilaterals

4.



squares

parallelograms

rectangles

quadrilaterals

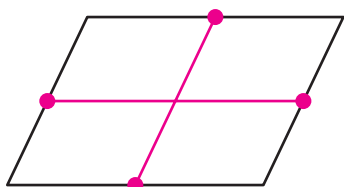
5. **Connect It** What is true about the new shapes that are formed by connecting midpoints in exercise 4?

Challenge

4 Shapes in 1

On each shape, connect the midpoints of 2 opposite sides. Then connect the midpoints of the other 2 sides. What new shapes are formed? Ring all possible answers.

1.



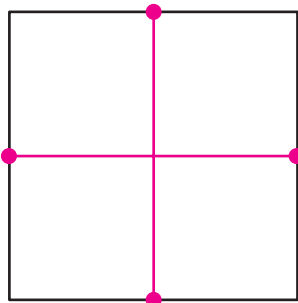
squares

parallelograms

rectangles

quadrilaterals

2.



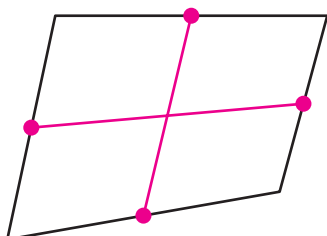
squares

parallelograms

rectangles

quadrilaterals

3.



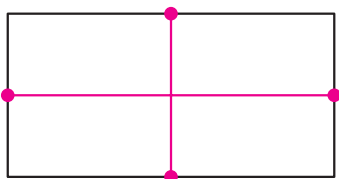
squares

parallelograms

rectangles

quadrilaterals

4.



squares

parallelograms

rectangles

quadrilaterals

5. **Connect It** What is true about the new shapes that are formed by connecting midpoints in exercise 4?

Answers will vary. Possible response: The new shapes will be the same shape as the larger shape but smaller.