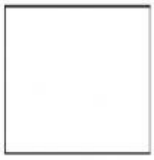
WWAIPAT – UNIT 3 WEEK 3 – MATH ASSESSMENT

Section A: Identifying Shapes & Properties of Shapes (22 marks)

Identify each polygon. Use the words in the box.

triangle	parallelogram	rectangle	square	octagon
rhombus	trapezoid	pentagon	hexagon	



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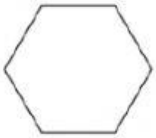

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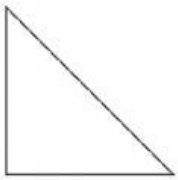

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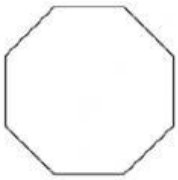

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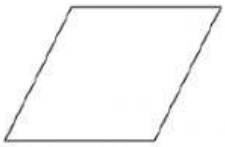

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Tell whether each plane figure is *closed* or *open*.

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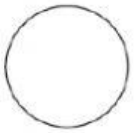

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Are these statements correct? Write *true* or *false*.

All polygons have four sides. _____

A pentagon has four sides, four angles, and four vertices. _____

An octagon has eight vertices, eight sides, and eight angles. _____

Both rectangles and squares have four right angles each. _____

A trapezoid can have two right angles. _____

A parallelogram can be separated into two triangles. _____

Identify each quadrilateral. Then explain your answer.

This is a _____

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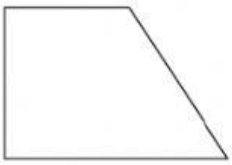

This is a _____

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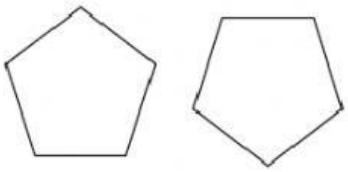
Section B: Congruency, Symmetry, and Movements of Shapes (18 marks)

Are the figures congruent? Write *yes* or *no*.



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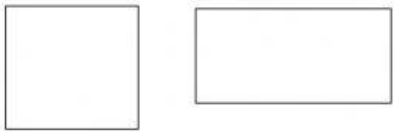

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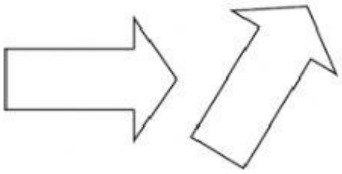

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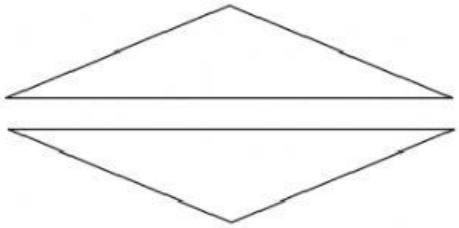

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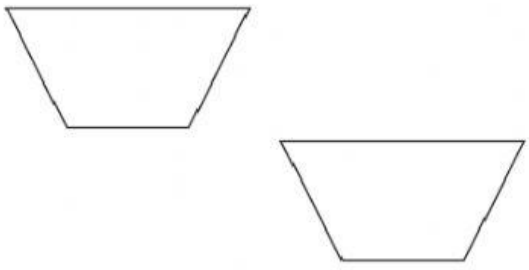

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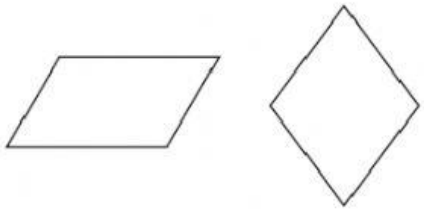

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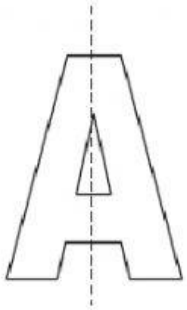
Decide whether the dotted line is a line of symmetry. Write *yes* or *no*.



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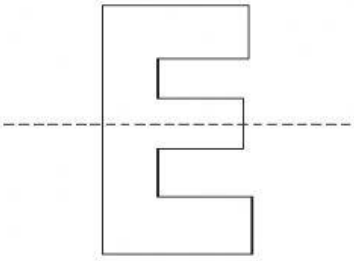

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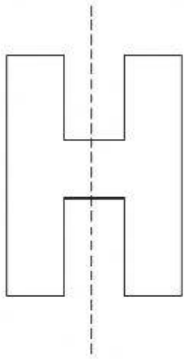

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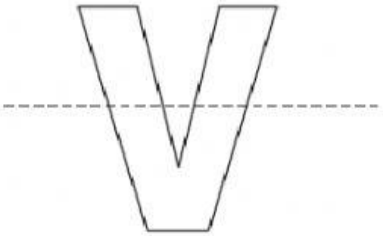

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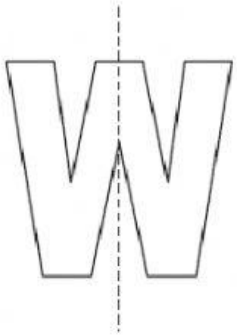

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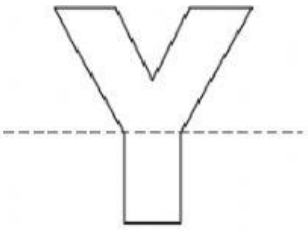

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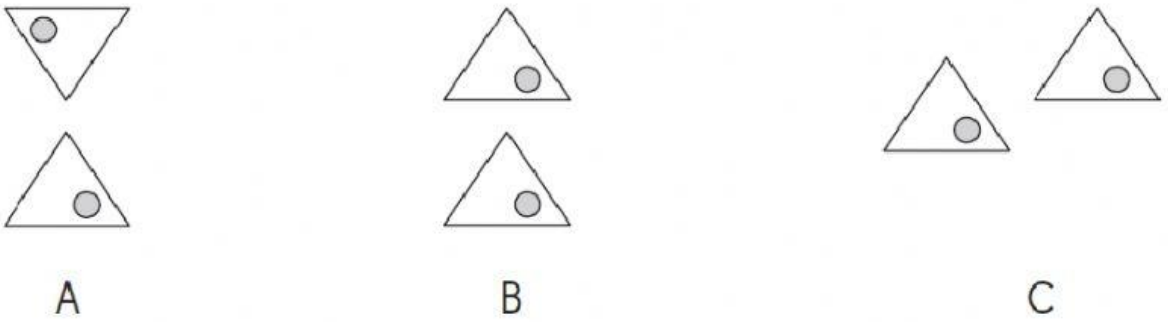
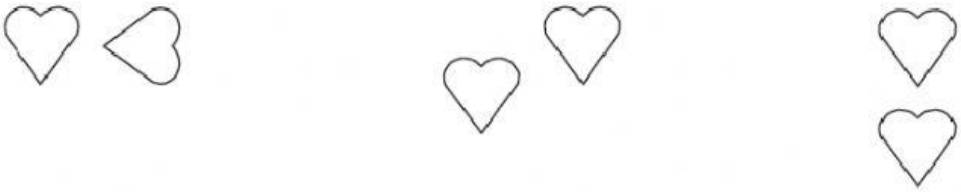
Circle the sets that show a slide.

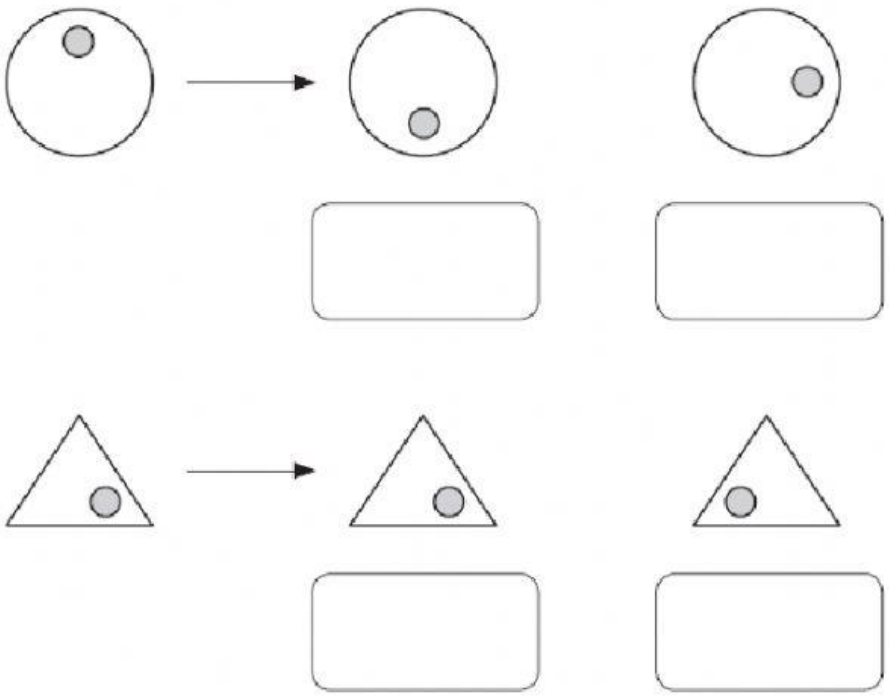


A B C



A B C

Put a check (✔) in the box that shows a flip.



Put a check (✓) in the box that shows a turn.