

# Homework

Draw a flag design. The design must include a quadrilateral with 2 lines of symmetry. The flag must also have a triangle with a  $45^\circ$  angle.

1. What type of quadrilateral did you draw? How did you make sure that the quadrilateral has 2 lines of symmetry?

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2. What type of triangle did you draw in the flag design? What tool did you use to make sure that the angle you drew measures  $45^\circ$ ?

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# Remembering

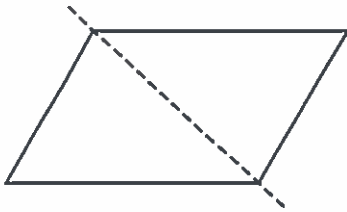
Insert  $<$  or  $>$  to make a true statement.

1.  $7.24 \bigcirc 72.4$     2.  $8.07 \bigcirc 8.7$     3.  $5.32 \bigcirc 3.52$     4.  $20.8 \bigcirc 2.08$

5.  $12.3 \bigcirc 3.12$     6.  $2.9 \bigcirc 29$     7.  $23.15 \bigcirc 24.1$     8.  $90.2 \bigcirc 9.02$

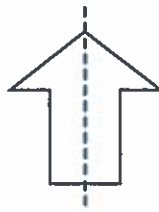
Tell whether the dotted line is a line of symmetry.

9.



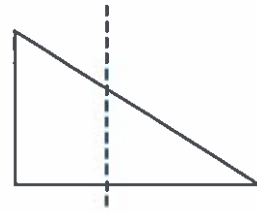
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10.



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11.



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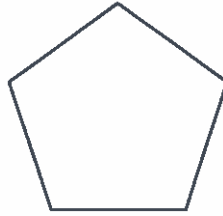
How many lines of symmetry does each figure have?

12.



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13.



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14.



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15. **Stretch Your Thinking** Design a pennant for your school in the shape of an acute isosceles triangle. Within the design, include a quadrilateral with four right angles and at least one set of parallel lines.

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