

Name \_\_\_\_\_

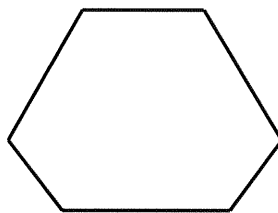
Date \_\_\_\_\_

### Grade 4/Unit 4 Post-Assessment: 2-D Geometry and Measurement

Choose the correct answer.

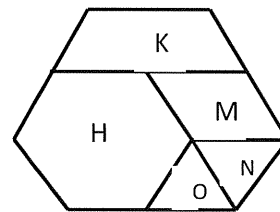
- Which unit of measurement is the longest?  
A. 1 foot                      B. 1 meter                      C. 1 inch                      D. 1 centimeter
- Which of these is about 1 yard long?  
A. School bus                      B. computer                      C. baseball bat                      D. classroom

3. Name this polygon.



\_\_\_\_\_

4. Which shapes in this polygon are quadrilaterals?  
A. Only K                      C. K and M  
B. Only M                      D. K, M, and N

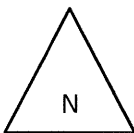


5. Which 2 shapes make a pentagon?  
A. H and O                      C. M and N  
B. H and K                      D. K and M

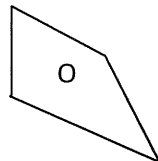
6. Shapes N and O make a polygon. How many sides does it have?  
A. 3                      B. 4                      C. 5                      D. 6

7. Which shape has a right angle?

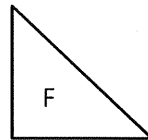
A.



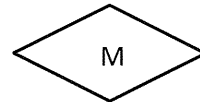
B.



C.

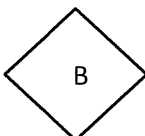


D.

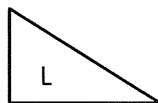


8. Which shape has an angle greater than 90 degrees?

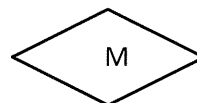
A.



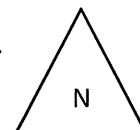
B.



C.

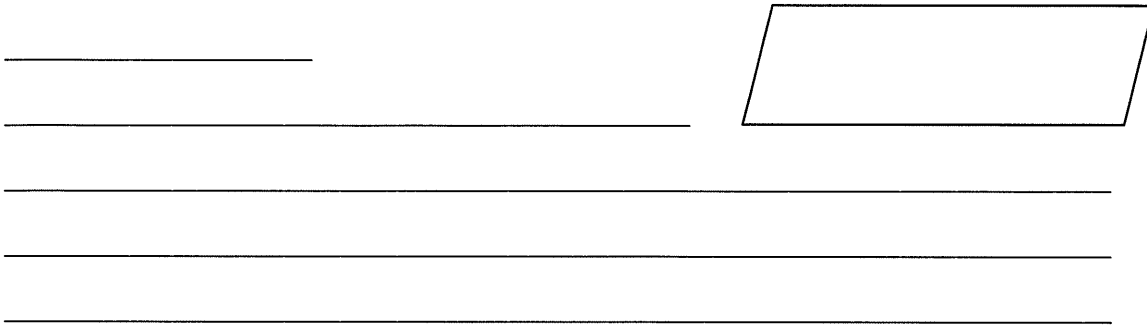


D.

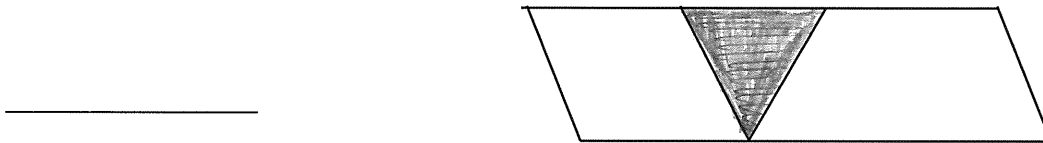


9. An angle is half as big as a right angle. How many degrees does it have?  
 A. 30                      B. 45                      C. 60                      D. 180

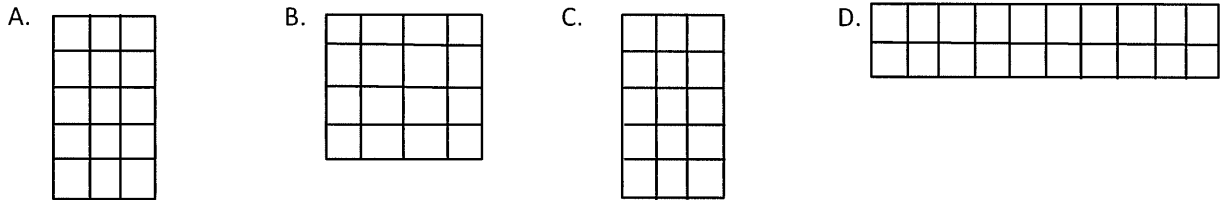
10. Are any lines in this polygon parallel or perpendicular? Explain why or why not.



11. How many gray triangles cover the area of the polygon?



12. Which rectangle has the greatest area?



13. What is the area of the rectangle you chose? \_\_\_\_\_

14. Explain how you found the area.

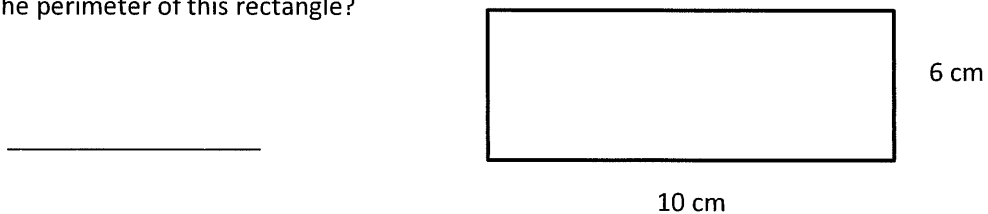
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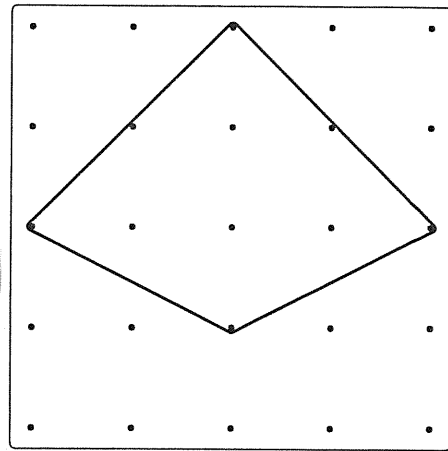
15. What is the perimeter of this rectangle?



16. Does this shape have a line of symmetry?

YES or NO

If yes, draw the line of symmetry.



Draw examples of the following:

<p>17.</p> <p>Line Segment</p>	<p>18.</p> <p>Line</p>	<p>19.</p> <p>Ray</p>
<p>20.</p> <p>Perpendicular Lines</p>	<p>21.</p> <p>Parallel Lines</p>	<p>22.</p> <p>Intersecting Lines</p>
<p>23.</p> <p>Right Angle</p>	<p>24.</p> <p>Acute Angle</p>	<p>25.</p> <p>Obtuse Angle</p>