Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_\_\_\_

**Unit 2A Quiz 1 Review**

Write the definitions for the following vocabulary.

1. Scalene Triangle
2. Equilateral Triangle
3. Isosceles Triangle
4. Triangle Sum Theorem
5. Exterior Sum Theorem

|  |  |
| --- | --- |
| 1. Solve for x.

  | 1. Solve for x.

 |
| 1. Solve for x.

Image result for exterior sum theorem | 1. Solve for x.

 |
| 1. Solve for x.

  | 1. Solve for x

 |
| Use the diagram to answer questions #12-18.$m∠1=100°$ and $m∠6=139°$1. \_\_\_\_\_\_ $m∠2$
2. \_\_\_\_\_\_ $m∠3$
3. \_\_\_\_\_\_ $m∠4$
4. \_\_\_\_\_\_ $m∠5$
5. \_\_\_\_\_\_ $m∠7$
6. \_\_\_\_\_\_ $m∠8$
7. \_\_\_\_\_\_ $m∠9$
 |

19. Prove $∆ABC$ is a scalene triangle.



20. What is **ONE** coordinate for C that would complete the triangle as a right triangle?

