Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_ Date:\_\_\_\_\_\_

**7.4A Quadrilateral\_Classwork**

*Objective: understand that the sum of the angle measures of any quadrilateral is 360°; find missing angle measures in quadrilaterals; construct quadrilaterals. CC.SS.7.G.2*

*HW: 7.4A worksheet*

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| **RULE: Sum of the Angle Measures of a Quadrilateral** |

|  |  |
| --- | --- |
| 1.$$m∠D=\\_\\_\\_\\_\\_\\_\\_\\_\\_$$ | 2.$$m∠V=\\_\\_\\_\\_\\_\\_\\_\\_\\_$$ |
| 3.$$x=\\_\\_\\_\\_\\_\\_\\_\\_\\_$$$$m∠M=\\_\\_\\_\\_\\_\\_\\_\\_\\_$$ | 4.$$x=\\_\\_\\_\\_\\_\\_\\_\\_\\_$$$$m∠S=\\_\\_\\_\\_\\_\\_\\_\\_\\_$$$$m∠T=\\_\\_\\_\\_\\_\\_\\_\\_\\_$$ |
| **WARM-UP:** Solve for x and find all missing angles.

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| *1.* |
| *2.* |
| *3.* |

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