Ch 8 Test **REVIEW** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1.

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| **Write an expression equivalent to using the fewest number of possible terms. (3 Pts)** |

2.

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| **Select *all* the expressions that are equivalent to . (2 pts)** |

3.

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| **Choose a number that will make the following equation true. (1 Pt)**  **☐**   1. **-4** 2. **-11** 3. **11** 4. **9** |

4.

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| **Simplify the following expressions. Write the answer in standard polynomial form. (3 Pts Each)** |

5.

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| **Factor the following expressions completely. (2 Pts Each)** |

6.

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| **Write an expression in standard polynomial form that represents the white area in the square below. (3 Pts)**    (x+2)  (2x+4) |

7.

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| **The top of a rectangular table has an area of . What are the dimensions of the table? Find an expression for both the length and the width?. (2 Pts)** |

8.

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| **What is an expression for the area of the figure? Write your answer as a polynomial in standard form. (5 Pts)**  x+3  3x  2x-4  5x |

9.

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| **Error Analysis: Describe and correct the error made in simplifying the product. (2 Pts)** |