Week #11: R U Ready for the MME? Geometry/Algebra 1 Practice Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hr \_\_\_\_

Geo: 4-1 Alg: 7-4

1. The polygons are congruent. Find the measures of the numbered angles.

 a) m∠5 = \_\_\_\_\_\_\_\_\_\_

 b) m∠6 = \_\_\_\_\_\_\_\_\_\_

 c) m∠7 = \_\_\_\_\_\_\_\_\_\_

 d) m ∠8 = \_\_\_\_\_\_\_\_\_\_

For #2 and #3: State whether the pairs of figures are congruent. Explain.

2) 3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Solve by using a system of equations.

4) Your teacher is giving a test worth 100 points containing 40 questions. There are 2-point and 4-point questions on the test. How many of each type are on the test?

5) You invest $1500 in equipment to put pictures on T-shirts. You buy each T-shirt for $3. After you have placed the picture on a shirt, you sell it for $20. How many T-shirts must you sell to break even?



2-pt questions: \_\_\_\_\_\_\_\_\_\_

4-pt questions: \_\_\_\_\_\_\_\_\_\_ Number of T-shirts: \_\_\_\_\_\_\_\_\_\_