**Grade 4 Map Shown Below – Training Set 2 Annotations**

**T2-1 Score 1**

Part A: The three-road combination provided by the student (*Olive St., Farm St., Licon Ave*) does not form the three sides of a right triangle. Additionally, Olive St. and Farm St. are parallel to each other and could not be two of the three sides of a right triangle. [0 points]

Part B: The student’s answer provided two correct roads (*Franklin Ln., Martin Ln.*) with one incorrect road (*Troy Ln.*). An answer with incorrect roads does not earn any credit. [0 points]

Part C: The student provided a correct answer (*Lincon Ave.*) that proves Jack’s claim is not correct, since Lincoln Ave. intersects Farm St. and is not perpendicular to Farm St. [1 point]

Part D: The explanation provided (*because it has lines every where*) is incorrect and does not explain why the map does not have a line of symmetry. [0 points]

**T2-2 Score 2**

Part A: The student provided a correct combination of three named roads on the map that form the three sides of a right triangle (*Olive St., Lincoln Ave., Franklin LN.*). [1 point]

Part B: The student correctly named the three roads that run parallel to Troy Ln. (*Marlin Ln., Frankline Ln., Benson Ln.*). [1 point]

Part C: The student provided an incorrect answer (*Lemon St.*). Although Lemon St. is not perpendicular to Farm St., Lemon St. does not intersect Farm St., which neither supports Jack’s claim nor proves his claim is not correct. [0 points]

Part D: The explanation provided (*because all the strets don’t go straight*) is incorrect and does not explain why the map does not have a line of symmetry. [0 points]

**T2-3 Score 3**

Part A: The student provided a correct combination of three named roads on the map that form the three sides of a right triangle (*Benson Ln., Lincoln Ave., farm St.*). [1 point]

Part B: The student provided an incorrect answer (*Olive St., Farm St., Lemon St.*). The student listed three roads that are perpendicular to Troy Ln., instead of parallel. [0 points]

Part C: The student provided a correct answer (*Lincon Ave.*) that proves Jack’s claim is not correct, since Lincoln Ave. intersects Farm St. and is not perpendicular to Farm St. [1 point]

Part D: The student provided a correct and complete explanation as to why the map does not have a line of symmetry (*because there is shapes that will not fold up to match Some will not all will match*). [1 point]

**T2-4 Score 4**

Part A: The student provided a correct combination of three named roads on the map that form the three sides of a right triangle (*Olive St.; Benson Ln.; Lincoln Ave.*). [1 point]

Part B: The student correctly named the three roads that run parallel to Troy Ln. (*Benson Ln.; Franklin Ln.; Marlin Ln.*). [1 point]

Part C: The student provided a correct answer (*Lincoln Ave.*) that proves Jack’s claim is not correct, since Lincoln Ave. intersects Farm St. and is not perpendicular to Farm St. [1 point]

Part D: The student provided a correct and complete explanation as to why the map does not have a line of symmetry (*because Lincoln Ave. does not split the rectangle evenly*). [1 point]

**T2-5 Score 1**

Part A: The three-road combination provided by the student (*Lincoln Ave., Farm St. and Olive St.*) does not form the three sides of a right triangle. Additionally, Farm St. and Olive St. are parallel to each other and could not be two of the three sides of a triangle. [0 points]

Part B: The student provided two correct roads (*Franklin Ln. and Martin Ln.*) with an incorrect road (*Lemon st.*). An answer with incorrect roads does not earn any credit. [0 points]

Part C: The student provided a correct answer (*Lincoln Ave.*) that proves Jack’s claim is not correct, since Lincoln Ave. intersects Farm St. and is not perpendicular to Farm St. [1 point]

Part D: The explanation provided (*because three roads are different sizes*) is incorrect and does not explain why the map does not have a line of symmetry. [0 points]

**T2-6 Score 0**

Part A: The student provided an incorrect answer as the answer consisted of a four-road combination. Three of the roads provided (*farm st, Lincoln ave, benson Ln*) do form a right triangle, however, *Franklin Ln.* was also included and four roads cannot form a right triangle. [0 points]

Part B: The student’s answer provided only one correct road (*Marlin Ln.*) with two incorrect roads (*farm st, Lemon st.*). An answer with incorrect roads does not earn any credit. [0 points]

Part C: The student provided an incorrect answer (*farm st. is parallel near troy Ln.*). Troy Ln. is perpendicular to Farm St., which supports Jack’s claim as opposed to identifying a road that would prove Jack’s claim is not correct. [0 points]

Part D: The explanation provided (*because it is invsable line that is why you can no see it*) is incorrect and does not explain why the map does not have a line of symmetry. [0 points]

**T2-7 Score 2**

Part A: The student provided a correct combination of three named roads on the map that form the three sides of a right triangle (*Farm St., Benson Ln., Lincon ave.*). [1 point]

Part B: The student did not provide an answer. [0 points]

Part C: The student provided an incorrect answer (*Franklin Ln.*). Although Franklin Ln. intersects Farm St., Franklin Ln. is perpendicular to Farm St., which supports Jack’s claim as opposed to identifying a road that would prove Jack’s claim is not correct. [0 points]

Part D: The student provided a correct and complete explanation as to why the map does not have a line of symmetry (*because the lines that are roads are not symmetry*). [1 point]

**T2-8 Score 1**

Part A: The student provided a correct combination of three named roads on the map that form the three sides of a right triangle (*Marlin Ln., Farm St., Lincolo Ave.*). [1 point]

Part B: The student provided only one correct road (*Benson Ln.*) with four incorrect roads (*Olive St., Lemon St., Troy Ln, Farm St.*). An answer with incorrect roads does not earn any credit. [0 points]

Part C: The student provided an incorrect answer (*Franklin lane*). Although Franklin Ln. intersects Farm St., Franklin Ln. is perpendicular to Farm St., which supports Jack’s claim as opposed to identifying a road that would prove Jack’s claim is not correct. [0 points]

Part D: The explanation provided (*because Franklin Ln is perpendicular*) is incorrect and does not explain why the map does not have a line of symmetry. [0 points]

**T2-9 Score 4**

Part A: The student provided a correct combination of three named roads on the map that form the three sides of a right triangle (*Lincoln Avenue, Farm Street, and Marlin Lane*). [1 point]

Part B: The student correctly named the three roads that run parallel to Troy Ln. (*Marlin Lane, Franklin Lane, Benson Lane*). [1 point]

Part C: The student provided a correct answer (*Lincoln Ave.*) that proves Jack’s claim is not correct, since Lincoln Ave. intersects Farm St. and is not perpendicular to Farm St. [1 point]

Part D: The student provided a correct and complete explanation as to why the map does not have a line of symmetry (*You would not be able to fold the sides without having uneven sides*). [1 point]

**T2-10 Score 3**

Part A: The student provided a correct combination of three named roads on the map that form the three sides of a right triangle (*Lincoln Ave, Lemon St, and Franklin Ln*). [1 point]

Part B: The student correctly named the three roads that run parallel to Troy Ln. (*Benson Ln, Franklin Ln, and Marlin Ln.*). [1 point]

Part C: The student provided a correct answer (*Lincoln Ave*) that proves Jack’s claim is not correct, since Lincoln Ave. intersects Farm St. and is not perpendicular to Farm St. [1 point]

Part D: The explanation provided (*because the road go in different derecksen*) is incorrect and does not explain why the map does not have a line of symmetry. [0 points]