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| **Across**  **1.** How do you find the length of a segment?  **5.** Where does santa live?  **10.** What kind of triangle has 2 congruent sides?  **13.** What angles are on opposite sides of the transversal, in between the lines?  **14.** What is the slope of perpendicular lines?  **16.** What is the corner of a triangle called?  **17.** how many reindeer does santa have?  **19.** What kind of triangle has 3 congruent sides?  **20.** How many congruent sides does a rhombus have?  **21.** What are 2 adjacent angles that form a line called?  **23.** What are two angles that are across from eachother when two lines intersect called?  **24.** Given two sides, how do you find the hypotenuse of a right triangle? | **Down**  **2.** Who is santa's favorite reindeer?  **3.** What is the slope of parallel lines  **4.** What is the relationship of the sides of similar triangles?  **6.** What does Santa say?  **7.** What are two angles whose sum is 90 degrees?  **8.** What do you call a part of a line?  **9.** What cuts an angle in half creating 2 congruent angles?  **11.** What do you call two triangles that are the same shape and size?  **12.** What is another name for a ratio?  **15.** What are two angles whose sum is 180 degrees?  **18.** What is opposite the north pole?  **22.** If 2 triangles are conguent because all of its sides are congruent, what theorem would it be? |