Name: **Date:**

Problem-Based Task: Rhyme Time

Coaching

a. Suppose a triangle were drawn with the vertices *A* (3,500, 1,500), *B* (3,500, 1,000), and *C* (1,000, 1,000). What would be the length of *AB*?

b. Using the same triangle, what would be the length of *BC*?

c. Suppose a similar triangle were drawn with vertex *E* at the *y*-intercept of the line, and the vertices *D* (0, 1,000) and *C* (1,000, 1,000). What would be the length of *DC*?

d. What proportion could be set up to solve for *ED*?

e. What would be the length of *ED*?

f. What is the exact amount of the Rhymes' appearance fee?

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