Online Grade 8 Assessment Question: Figure 2.5

Directions: Determine how many points you would use to score the task, or describe how you would give a proficiency based score of 1–4 for the task. Next, use figure 2.6 (page 30) to calibrate your scoring with your colleagues on your team.

Grade 8 Task

Essential learning standard: I can solve word problems involving systems of equations.

Carli wants to buy passes for a local movie theater. She can spend $50 for the pass and then pay $5 for each movie, or she can spend $10 for the pass and $7.50 for each movie. What is the least number of movies Carli needs to see for the $50 pass to be the least expensive option? Explain how you know your answer is correct.