

Topic 4.4 Practice Problems

- $$A = \underline{\hspace{1cm}}p$$

- (c) Small buses hold 30 students. The school pays \$100 per large bus and \$50 per small bus. For each group size below, determine the most cost-effective plan that also uses the fewest buses possible:

120, 150, 170, 210.

Explain your reasoning for each case.

5. Omer can write 210 characters in 6 seconds and Ahmed can write 230 characters in 7 seconds. Assuming constant rates, how many characters can they write together in one minute? (*Write equations and show all work.*)