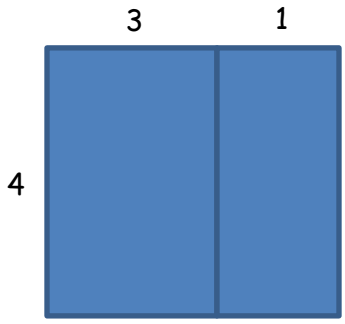
Name: _____

Date: _____

Section: _____

Properties and Expressions Writing Assessment



A) $4 \cdot 3 \cdot 1$ B) $3 \cdot 4 + 1 \cdot 4$ C) $4(3 + 1)$

D) $4 + 3 \cdot 4 + 1$ E) $4 \cdot 3 + 4$

1. Which of the expressions above correctly represent the area of the figure? Explain how you know which expressions are correct and which expressions are incorrect.

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2. Using properties of mathematics, explain why the expressions that correctly represent the area of the figure are equivalent to each other. (*HINT: More than one property may apply.)