Inspired Instruction, LLC.

Standards Solution Holding

Rewriting Linear Expressions

1 $4a + 4$

2 $6a + 4$

3 $16a + 8$

4 $8a + 4b + 8$

Rewriting Linear Expressions

Connection to Assessment

Answer Only

Select all that are equivalent to 16a + 4b + 8.

☐ 4(4a + b + 2)

☐ 2a + 2 + 4a + 2b + 6 + 4a + 6a + 2b

☐ 4a + 2 + 4a + 4 + 4a + 4b + 4a

☐ 2(8a + 2b + 8)

☐ 8(2a + ½b + 1)

Reasoning

Frankie thinks the two expressions $2(3a + 2) + 4a$ and $10a + 2$ are equivalent? Is she correct? Explain why or why not?

Modeling

Draw a rectangle with an area of 8x + 4. Draw a square with a perimeter of 8x + 4. Label all parts of your drawings and explain your answer.