

Polynomial Addition and Subtraction - Matching Worksheet

Match the problems to their answers. Write the letter of the answer.

___ 1. Add $(3y^2 + 7y + 8) + (9y + 3)$

a. $5a^2 + 14a + 10$

___ 2. Add $(5a^2 + 2a + 9) + (12a + 1)$

b. $5z^2 + 3x = 2$

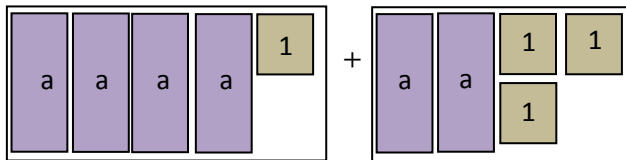
___ 3. Add $(7x^2 + 5x + 7) + (8x + 3)$

c. $3y^2 + 16y + 11$

___ 4. Subtract $(6z^2 + 3z + 5) - (z^2 + 7)$

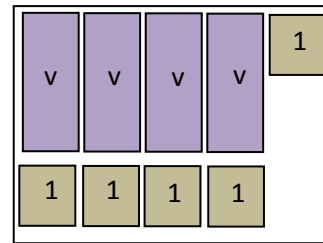
d. $7x^2 + 13x + 10$

___ 5. Use algebra tiles to add $(4a+1) + (2a+3)$



Combine like terms.

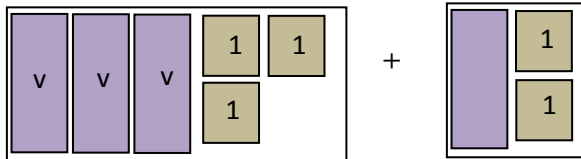
e.



In total, the box sets have 4 and 5 boxes

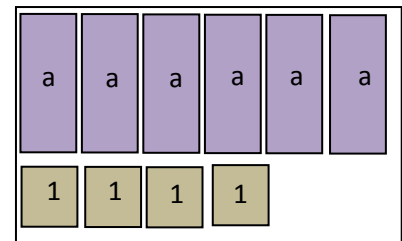
The result is $4v + 5$.

___ 6. Use algebra tiles to add $(3v+3) + (1v+2)$



Combine like terms.

f.



In total, the box sets have 6 and 4 boxes

The result is $6a + 4$.

