

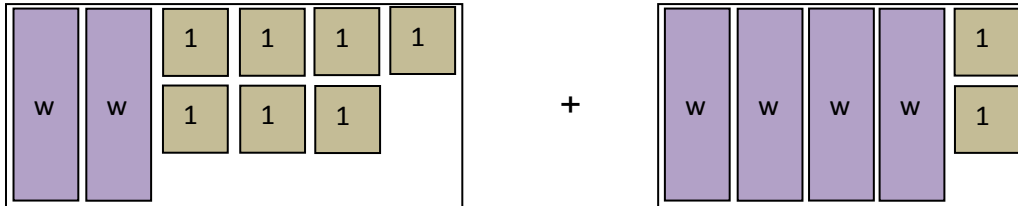
Name \_\_\_\_\_

Date \_\_\_\_\_

### Polynomial Addition and Subtraction - Independent Practice Worksheet

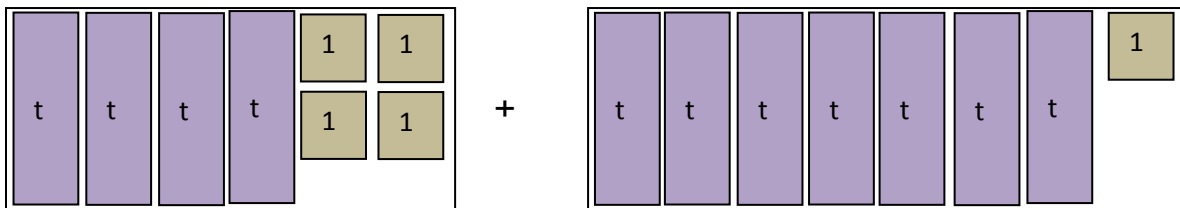
Complete all the problems. Make sure to draw pictures to help you solve the problems.

1. Use algebra tiles to add  $(2w + 7) + (4w + 2)$



Combine like terms.

2. Use algebra tiles to add  $(4t + 4) + (7t + 1)$



Combine like terms.

#### A. Subtract

3.  $(3k^2 + 7k + 4) - (k^2 + 5)$
4.  $(8b^2 + 2b + 6) - (b^2 + 3)$
5.  $(10q^2 + 5q + 5) - (q^2 + 1)$
6.  $(9n^2 + 4n + 2) - (n^2 + 7)$

#### B. Add

7.  $(9z^2 + 4z + 6) + (5z + 7)$
8.  $(5p^2 + 2p + 3) + (8p + 7)$
9.  $(6y^2 + 8y + 4) + (10y + 2)$
10.  $(11w^2 + 7w + 5) + (9w + 3)$

