10350 Rewriting Quadratic Expressions - Sample Questions Set 06

Write the following quadratic expressions in the form $A(x + B)^2 + C$ where A, B and C are constants to be determined:

1. $x^2 + 6x \overset{?}{=}$

2. $x^2 + 6x - 8 \overset{?}{=}$

3. $x^2 - 6x \overset{?}{=}$

4. $2x^2 + 4x - 5 \overset{?}{=}$

5. $3x^2 - 9x \overset{?}{=}$

6. $-3x^2 + 3x + 2 \overset{?}{=}$

7. $3x^2 - 2 \overset{?}{=}$