Worksheet A: Completing the square (squares/algebra)

**Part 1:**

1) Expand

2) Expand

3) Expand

4) Expand

**Part 2**:

1) Given

What number must be hidden for the expression to be a perfect square? What are the dimensions of the square?

2) Given

What number must be hidden for the expression to be a perfect square? What are the dimensions of the square?

3) Given

What number must be hidden for the expression to be a perfect square? What are the dimensions of the square?

**Part 3**:

1) Find the values of *A* and *B* for which

2) Find the values of *A*, *B* and *C* for which

3) Find the values of *A*, *B* and *C* for which

4) Find the values of *A*, *B* and *C* for which