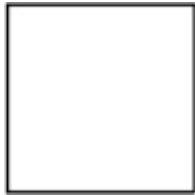


$$9g^2 + 24g + 16 \quad a = \underline{\quad\quad} \quad b = \underline{\quad\quad} \quad c = \underline{\quad\quad}$$

FACTORS: _____

APPLICATION

The given expression represents the area. Find the side length of the square.



$$36w^2 + 12w + 1$$



$$81w^2 - 72w + 16$$

The area of a square oil painting is $4x^2 + 28x + 49$. What is the length of one side of the painting?

You are installing linoleum squares in your kitchen. The area of each linoleum square is $16x^2 - 24x + 9$. What is the length of one side of a linoleum square?