

**Exercise 36**

In the following exercises, evaluate the following expressions.

When  $a = 3$ ,  $b = 8$

$$a^2 + b^2$$

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**Solution**

When  $a = 3$ ,  $b = 8$

$$\begin{aligned} a^2 + b^2 &= 3^2 + 8^2 \\ &= 9 + 64 \\ &= 73. \end{aligned}$$