Exercise 43

In the following exercises, translate the phrases into algebraic expressions.

   (a) the difference of $5x^2$ and $6xy$

   (b) the quotient of $6y^2$ and $5x$

   (c) Twenty-one more than y^2

   (d) $6x$ less than $81x^2$

Solution

   (a) $5x^2 - 6xy$

   (b) $\frac{6y^2}{5x}$

   (c) $y^2 + 21$

   (d) $81x^2 - 6x$