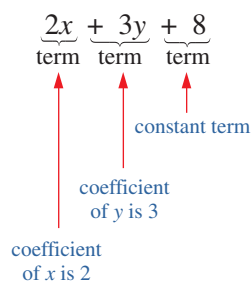


5.1 Like Terms And Unlike Terms

In an algebraic expression such as $2x + 3y + 8$, we call the parts that are added together **terms** of the expression. There are 3 terms in $2x + 3y + 8$, and they are $2x$, $3y$ and 8 .



In the term $2x$, the numerical part, 2, is called the **coefficient** of x . The term 8 with no variable is called a **constant term**.

Let us consider another expression, $4p^2 - 3q$. Since $4p^2 - 3q = 4p^2 + (-3)q$, there are 2 terms in $4p^2 - 3q$. They are $4p^2$ and $-3q$. Here, the coefficients of p^2 and q are 4 and -3 respectively.



There are 4 terms in the expression $2a - 3bc + d - 7$. What are they?

I know! The terms are $2a$, $-3bc$, d and -7 . The coefficients of a , bc , d are 2, -3 and 1 respectively. The constant term is -7 .



Class Activity 1

Questions

- Classify the following expressions into different groups based on their variable parts.

