

(v) The numerical coefficient of the given is

$$(2/3)$$

(vi) The numerical coefficient of the given

$$(2/3)$$

(vii) $x + x^2$

(viii) $8x^2 - 7x + 2$

(ix) $x^3 - x^8 + x^{10}$

(x) $1 - 100x^2$

(xi) $4 + 4x - 4x^3$

(xii) $8x^2y - 3y^2 + x^2y^3$

(xiii) $8z^3 - 8y^2z^3 + 7y^2z^8$

(xiv) $4y^2 - 3x^3 + y^2x^7$

- (i) $-3y^2$ is the coefficient of x in $3xy^2$
- (ii) $-a$ is the coefficient of x in $-ax$
- (iii) -1 is the coefficient of y in $-y$
- (iv) $(2/a)$ is the coefficient of y in $-axy^2$
- (v) y^2 is the coefficient of ax in $-axy^2$
- (vi) $3a$ is the coefficient of x^2y in $-3ax^2y$
- (vii) $3a$ is the coefficient of x^2y in $-3ax^2y$
- (viii) $3a$ is the coefficient of xy^2 in $3axy^2$
- (ix) The numerical coefficient of the given is b
- (x) The numerical coefficient of the given is 1
- (xi) The numerical coefficient of the given monomial is b
- (xii) The numerical coefficient of the given is -2

- (v) The n
- (2)
- (vi) Th
- (2)
- (10) xt
- (ii) Bx
- (iii) x
- (iv) 1-
- (v) u
- (vi) 8
- (vii)
- (viii)

(ix) Therefore, $x + xy - y^2$ is a trinomial

(i) The coefficient of x in the given trinomial is 1

(ii) The coefficient of x in the given trinomial
- x is -1

(iii) The coefficient of x in the given trinomial

- $3x$ is -3

(iv) The coefficient of x in the given trinomial

- $5ax$ is $-5a$

(v) The coefficient of x in the given trinomial is

$(\frac{3}{2})y$

(vi) The coefficient of x in the given trinomial is

$(\frac{1}{2})y$

(iv) yes

(v) xy

Here xy has one term

Therefore, xy is a monomial

(vi) Therefore, $xy + x$ is a binomial

(vii) Therefore, $2x + y$ is monomial

(viii) Therefore, $-a$ is a monomial

(ix) Therefore, $ax^2 - x + 5$ is a trinomial

(x) $-3bc + d$

Therefore, $-3bc + d$ is a binomial

(xi) Therefore, $1 + x + y$ is a trinomial

(xii) Therefore, $1 + x + y$ is a binomial

(ix) Then

(i) The

(ii) The

$-x$

(iii) The

$-3x$

(iv) The

-5

(v) T

(vi)

(vi) The number of terms in given expression is one

(vii) The number of terms in given expression is two

(viii) The number of terms in given expression is three

(ix) The number of terms in given expression is three

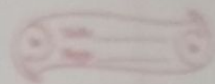
(i) $7x$, xy and $-yx$ are like terms. Hence, the given statement is false

(ii) Yes No

(iii) Yes, a and $-a$ are like terms, then

(iv) No

(v) No



(i) The given statement is true

(ii) The given statement is false

(iii) No

The number of terms in given expression is two

(iv) Yes

The number of terms in given expression is

two

(v) The number of terms in given expression is

two

(vi) The number of terms in given expression is

two

(vii) The number of terms in given expression is

three

(vi) The number of

(vii) The number of
two

(viii) The number of
three

(ix) The number
three

(x) Yes and -
given state

(xi) Yes No

(xii) Yes, or both

(xiii) No

(xiv) No

(iii) The expression $5x$ has two terms 5 and x
The given statement is true

(iv) The expression $2x^2 + x$ is a trinomial
The given statement is false

(v) $ax^2 + bx + c$ is a trinomial
The given statement is true

(vi) $8xab$ is a binomial

The given statement is false

(vii) $8 + ab$ is a binomial

The given statement is true

(viii) The given statement is true

(ix) The given statement is true

(x) The coefficient of x in $6x$ is $6x$

The given statement is false

Exercise: 18CB

1) 6, $\frac{5}{4}$ and 0 are the constant s

$4y - 3x$, $(\frac{4}{5})xy$, az , $7p$, $9x/y$, 3) $4x$ and $-$

xz $3y$ are the variables

2) i) $4x$, $-3y$, $-x$, $(\frac{2}{3})x$, $(\frac{4}{5})y$ and y .

Here, the like terms are as follows

(ii) $4x$, $-3y$, $-x$, $(\frac{2}{3})x$, $(\frac{4}{5})y$ and y .

Here, the like terms are as follows

(iii) $-ab^2$, b^2a^2 , $7b^2a$, $-3a^2b^2$ and $2ab^2$

Here, the like terms are as follows

(iv) $5ax$, $5by$, by and b^2a^2 , $3a^2b^2$

(3) (i) The given statement is true

(ii) $5x$ has two terms 5 and x

The given statement is false