(v) The numerical coefficient of the given is (2/3)

(vi) The numerical coefficient of the given (2/3)

(10) $x+x^2$

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

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

(iv) $1-100x^2$

(v) $41+4x-4x^3$

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

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

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

(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 ax in $-a x y^2$

(v) y^2 is the coefficient of ax in $-axy^2$

(vii) 3a is the coefficient of x^2y in $-3ax^2y$

(viii) 80 is the coefficient of xy^2 in $80xy^2$

(i) The numerical coefficient of the given is 5

(ii) The numerical coefficient of the given is 1

(iii) The numerical coefficient of the given monomial is 8

(iv) The numerical coefficient of the given is -2

(v) The n

(2

(vi) Th

(2

(10) x+

(i) 5x

(iii) x

(iv) 1

(v) 4

(vi) 8

(vii)

(viii)

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

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

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

(iii) The coefficient of x in the given monomial $-3x$ is -3

(iv) The coefficient of x in the given monomial $-3ax$ is $-3a$

(v) The coefficient of x in the given monomial is $(3/2)y$

(vi) The coefficient of x in the given monomial is (a/b)

(v) yes

5) (i) xy

Here xy has one term

Therefore, xy is a monomial

(ii) Therefore, xy + x is a binomial

(iii) Therefore, 2x ÷ y is monomial

(iv) Therefore - a is a monomial

(v) Therefore, $ax^2 - x + 8$ is a trinomial

(vi) $-3bc + d$

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

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

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

(ix) Then

(i) The

(ii) The

$-x$

(iii) Th

$-3x$

(iv) Th

-5

(v) T

(

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

(vii) The number of terms is 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 true

(ii) No

(iii) Yes, x and x^2 are like terms, then

(iv) No

(v) No

(x) The given statement is true

(xi) The given statement is false

(ii) (i) $3x - 2$

The number of terms in given expression is two

(ii) $5x + y + 1/2$

The number of terms in given expression is two

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

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

(v) 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

(i) $7x, xy$ and -
given statement

(ii) Yes No

(iii) No, ...

(iv) No

(v) No

(iii) The expression $5+x$ has two terms 5 and x

The given statment 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 $5x$ is $5x$

The given statement is false

Excerise:-18(B)

1) 6, 5/4 and 0 are the constants

4y -2x (4/5) xy, az, 7p, 9x/y, 3) 4x and.

x z) 3y are the variables

2 i) 4x, -3y, -x (2/3) x, (4/5) y and y.

Here, the like trem are as follows

(ii) 4x, -3y, -x (2/3) x, (4/5) y and y.

Here, the like term 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 Xi) The given statement is true

(ii) 5x has two terms 5 and x

The given statement is false

(iii) The

The

(iv) The

The

(v) ax^2

Th

(vi) 8

Th

(vii) 8

Th

(viii)

(ix)

(x)