1]

#!/bin/sh

a=10 b=20

val=`expr $a + $b`

echo "a + b : $val"

val=`expr $a - $b`

echo "a - b : $val"

val=`expr $a \\* $b`

echo "a \* b : $val"

val=`expr $b / $a`

echo "b / a : $val"

val=`expr $b % $a`

echo "b % a : $val"

if [ $a == $b ]

then echo "a is equal to b" fi

if [ $a != $b ]

then echo "a is not equal to b"

fi

2. Using let Command

#!/bin/bash

x=10

y=3

let "z = $(( x \* y ))" # multiplication

echo $z

let z=$((x\*y))

echo $z

let "z = $(( x / y ))" # division

echo $z

let z=$((x/y))

echo $z

3. Using expr Command

#!/bin/bash

a=10

b=3

# there must be spaces before/after the operator

sum=`expr $a + $b`

echo $sum

sub=`expr $a - $b`

echo $sub

mul=`expr $a \\* $b`

echo $mul

div=`expr $a / $b`

echo $div