The slope and the y-intercept of the line.

$y = -7x + 3$

The Slope Intercept Form of Straight Line Equation: y=mx+c

Where:

m= Slope of the straight line

c= intercept on y-axis.

The equation given in the question:

y = –7x + 3

Converting the given equation in the slope intercept form:

The equation is already in the slope intercept form.

y = –7x + 3

Compare the equation with slope intercept equation y=mx+c

Therefore,

Slope= -7

Y-intercept= 3

Second part.

The slope and the y-intercept of the line.

$10x + 6y = -54$

The Slope Intercept Form of Straight Line Equation: y=mx+c

Where:

m= Slope of the straight line

c= intercept on y-axis.

The equation given in the question:

$10x + 6y = -54$

Converting the given equation in the slope intercept form:

$6y = -10x-54$ (Tranposing 10x to other side so it becomes negative))

$6y/6 = -10/6x-54/6$ (Dividing both sides by 6)

$y = -10/6x-9$

Compare the equation with slope intercept equation y=mx+c

Therefore,

Slope= -10/6 or -5/3

Y-intercept= -9