SEC 3.6 TRAISKIRMSTILLS CK LINEAR KINETIONS

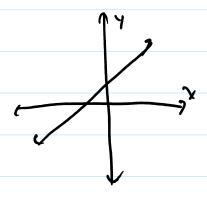
FAMELY OR FUNCTIONS - GROUP OF RUNCTIONS WITH
STMILAR CHARACTERISTICS

PARENT FLUCTION- MOST BASIL KORM fal = x

TRANSROAMATTON - CHANGES STRE, SUMPE, POSTITION,

CR ORIENTATION OF A GRAPH

TRANSCATIONS - TRANSFORMATION THAT SHEATS A
GRAPH HURIZONTALLY, ON VERTICALLY. BUT DUFT
NUT CHARLE THE SHAPE.



Heartenin Tenusinstrum

$$f(\gamma) \rightarrow f(\chi - h)$$

Transcarion or h with

$$f(x+2)$$
 $h=-2$

$$2 Lext + (x-(2))$$

$$= f(x+2)$$

Transcore fly = x THREE UNITS to RIGHT

$$f(x-3)$$

$$f(x-3)$$
 $g(x)=x-3$

Taxascarr
$$f(x) = 2x + 3$$
 Two buens leaf
$$f(x-h) = f(x+2)$$

$$\int_{-\infty}^{\infty} f(x-h) = f(x+2)$$

$$g(x) = f(x+2) = 2(x+2) + 3$$

= $2x+4+3$
 $s(x) = 2x+7$