1.5.16 **Solve the following SAT Problems. Annotate for better understanding of the question.**

****Everyone needs a calculator today.**

xred
orm

$3(2x+1)(4x+1)$

f the following is equivalent to the
n above?

+3
+ 18x + 3
+6

Standard

	2x	1
4x	$8x^2$	4x
1	2x	1

$3(8x^2+6x+1)$

Factored Form

$f(x) = (x+6)(x-4)$

equal

Which of the following is an equivalent form o
function f above in which the minimum value
appears as a constant or coefficient?

Vert
f(x)=(x-h
Vertex
form

~~A) $f(x) = x^2 - 24$~~

~~B) $f(x) = x^2 + 2x - 24$~~

C) $f(x) = (x-1)^2 - 21$

D) $f(x) = (x+1)^2 - 25$

(-6,0) (4,0)

-1,—