**2A The |Modulus| Function**

1. The function f(x) is defined

$$f(x)=\left|2x-3\right|+1$$

find:

1. f(5)
2. -1)

1. a) Sketch the graph of $y=\left|3x-2\right|$



1. Solve the equation $\left|2x-1\right|=5$



1. Solve the equation $\left|3x-5\right|=2-\frac{1}{2}x$



1. Solve the inequality $\left|5x-1\right|>3x$

