

$$f(x) = \cancel{-2 | 3x + 15 | + 6} \Rightarrow \cancel{-2 | \frac{1}{3}(x+5) | + 6}$$

$\underset{a}{-2} \mid \underset{k}{3}x + \underset{?}{15} \mid + \underset{c}{6}$
 $\underset{a}{-2} \mid \underset{k}{\frac{1}{3}}(x + \underset{d}{5}) \mid + \underset{c}{6}$

① V. str of -2

② H. str of $\frac{1}{3}$

③ V. sh of $+6$

④ H. sh of -5

$$f(x) = |x|$$

x	y
-2	2
-1	1
0	0
1	1
2	2

$\frac{1}{3}x - 5$	$-2y + 6$
$-5\frac{2}{3}$	2
$-5\frac{1}{3}$	4
-5	6
$-4\frac{2}{3}$	4
$-4\frac{1}{3}$	2

$$g(x) = \frac{2}{\frac{1}{4}x - 1} + 3 \Rightarrow \frac{2^a}{\frac{1}{4}(x - 4)^d} + 3^c$$

K d c

$$g(x) = \frac{1}{x}$$

① V. Str of 2

② H. Str of 4

③ V. Sh of +3

④ H. Sh of +4

x	y	$4x+4$	$2y+3$
-2	$-\frac{1}{2}$	-4	2
-1	-1	0	1
$-\frac{1}{2}$	-2	2	-1
0	0	4	3
$\frac{1}{2}$	2	6	7
1	1	8	5
2	$\frac{1}{2}$	12	4

