

left 2
down 1

$$f(x) \rightarrow \infty \quad x \rightarrow -\infty$$

8. up 9
right 1

16.

$$f(x) \rightarrow -\infty, \quad x \rightarrow -\infty$$
$$f(x) \rightarrow -\infty, \quad x \rightarrow \infty$$

9. right 2 up 9

17.

$$f(x) \rightarrow \infty \quad x \rightarrow -\infty$$
$$f(x) \rightarrow -\infty \quad x \rightarrow \infty$$

10. left 1

11. compress 0.5, up 8

18) $f(x) \infty \quad x \rightarrow \infty$
 $f(x) \infty \quad x \rightarrow -\infty$

12. Right 8 up 2

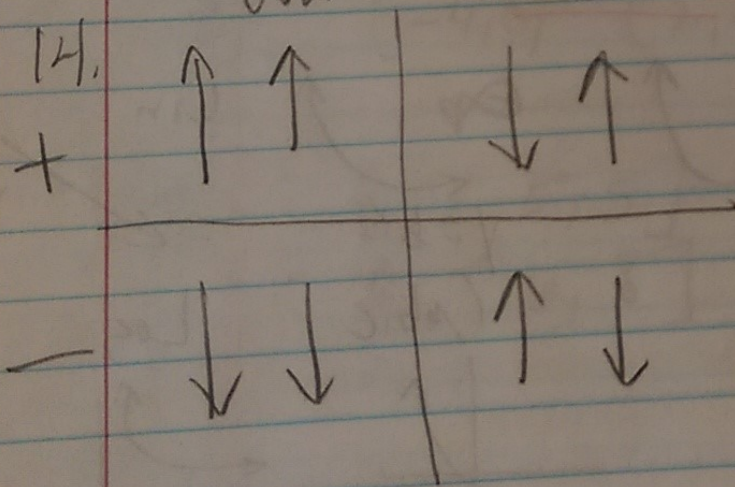
19.

13. stretch 20
decay
left 7
down 5
even ^{depa} odd

$$\left. \begin{array}{l} x-8 > 0 \\ x > 8 \\ (8, \infty) \end{array} \right\} \begin{array}{l} \text{b/c} \\ \text{asym} \\ x = \end{array}$$

20)

$$D: (-\infty, \infty)$$



21) $D: [7, \infty)$

22.) $D: (-\infty, \infty)$

23) $R: (3, \infty)$

24. $R: [0, \infty)$