

Practice

| x | $g(x)$ |
|-----|--------|
| | |
| | |
| | |

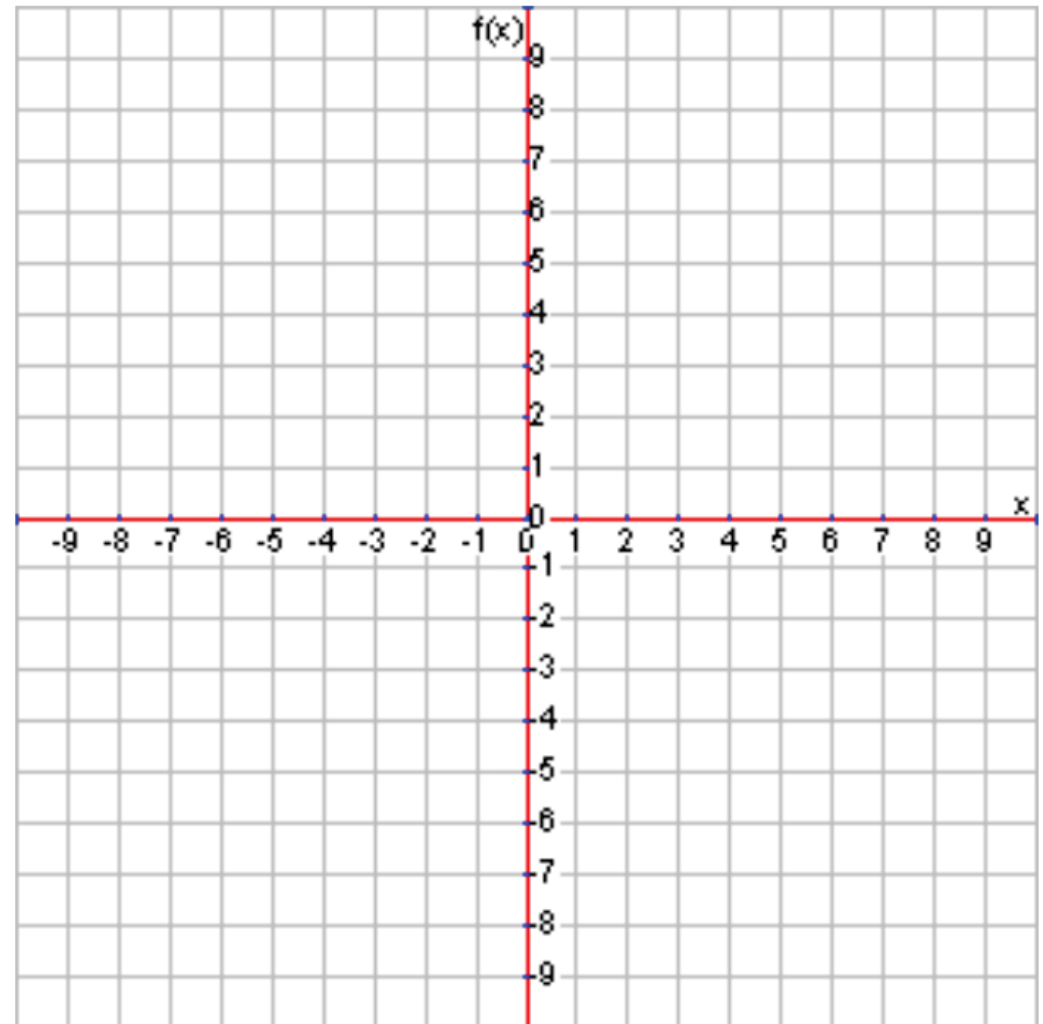
$$g(x) = 4 \ln(x) - 2$$

Asymptote:

Domain:

Solve: $g(x) = 2$

On what interval
is $g(x)$ negative?



Practice

| x | $g(x)$ |
|-----|--------|
|-----|--------|

| | |
|---|-------------------------------|
| 1 | $4\ln(1) - 2 = 4(0) - 2 = -2$ |
|---|-------------------------------|

| | |
|-----|------------------------------|
| e | $4\ln(e) - 2 = 4(1) - 2 = 2$ |
|-----|------------------------------|

Asymptote: $x = 0$

Domain: $(0, \infty)$ or $x > 0$

Solve: $g(x) = 2$ $x = e$

On what interval is $g(x)$ negative?
 $(0, 1.8)$
or
 $0 < x < 1.8$

$$(h, k) = (0, -2) \quad g(x) = 4\ln(x) - 2$$

