

A

3

Find the domain of

$$\frac{4x^2 - 4x - 15}{2x^2 - 9x - 18}$$

B

$$(-\infty, -5/2] \cup [3/2, \infty)$$

Find the
 $\lim_{x \rightarrow -\infty} f(x)$

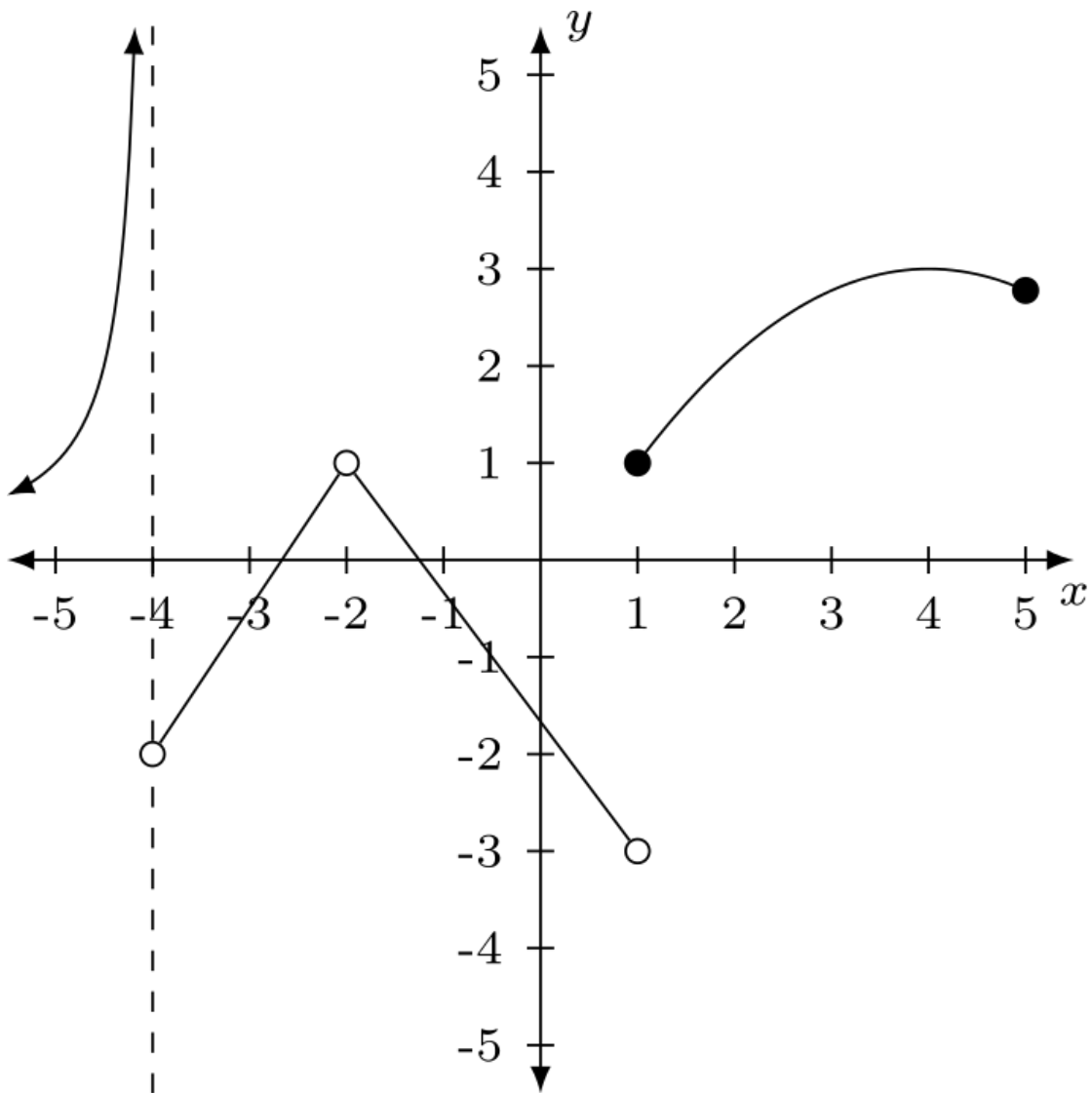
for $f(x) =$

$$\sqrt{4x^2 + 4x - 15}$$

C

$[1, \infty)$

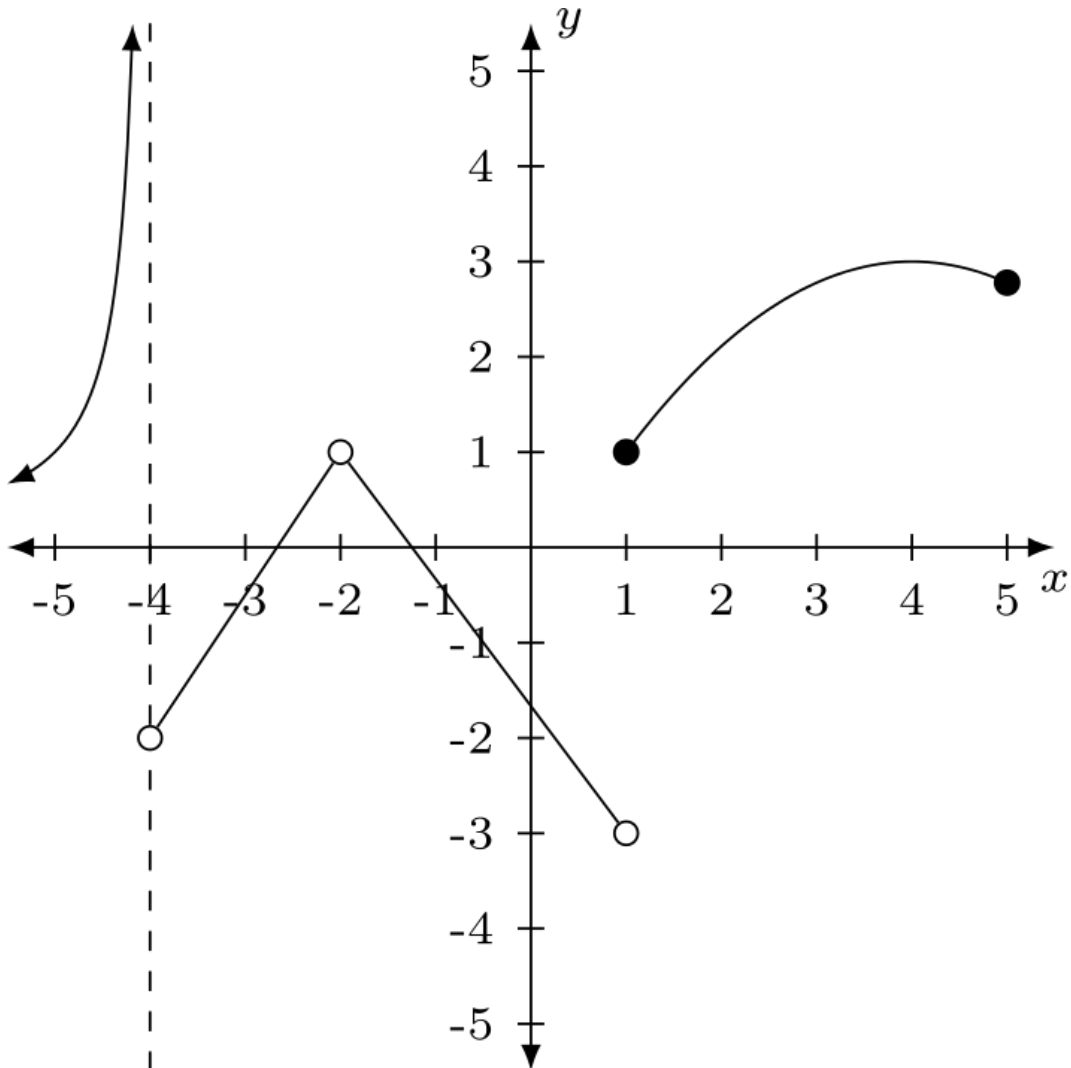
Find $\lim_{x \rightarrow 5} f(x)$



D

$(-\infty, \infty)$

Find $\lim_{x \rightarrow -2} f(x)$



E

-29 at $x = 2$

Find the increasing
interval(s) for

$$f(x) = x^3 - 12x - 13$$

F

[-2, 2]

Find the local
maximum for

$$f(x) = x^3 - 12x - 13$$

G

- ∞

Find the
range
for $f(x) =$

$$\sqrt{4x^2 + 4x - 15}$$

H**DNE**

Find the

$$\lim_{x \rightarrow 6^-} f(x)$$

for $f(x) =$

$$\frac{4x^2 - 4x - 15}{2x^2 - 9x - 18}$$

I**16/15**

**Find the domain of
 $f(x) + g(x)$**

$$f(x) = \sqrt{x - 11}$$

$$g(x) = x^2 - 5$$

J

$[2, 11) \cup$
 $(11, \infty)$

Find the range of

$$f(x) =$$

$$\sqrt{x-2}$$

$$x-11$$

K**-3**

Find the

lim

$x \rightarrow -\infty$

for $f(x) =$

$$\frac{4x^2 - 4x - 15}{2x^2 - 9x - 18}$$

$$2x^2 - 9x - 18$$

L **$(-3, -1/9)$**

Find the domain of

$$f(x) =$$

$$\frac{\sqrt{x-2}}{x-11}$$

M

$$(-\infty, -2] \cup [2, \infty)$$

Find the
removable
discontinuity
for $f(x) =$
$$\frac{x + 3}{x^2 - 3x - 18}$$

N

2

Find the domain of

$$f(x) =$$

$$\sqrt{4x^2 + 4x - 15}$$

O

$$(-\infty, -3/2) \cup (-3/2, 6) \cup (6, \infty)$$

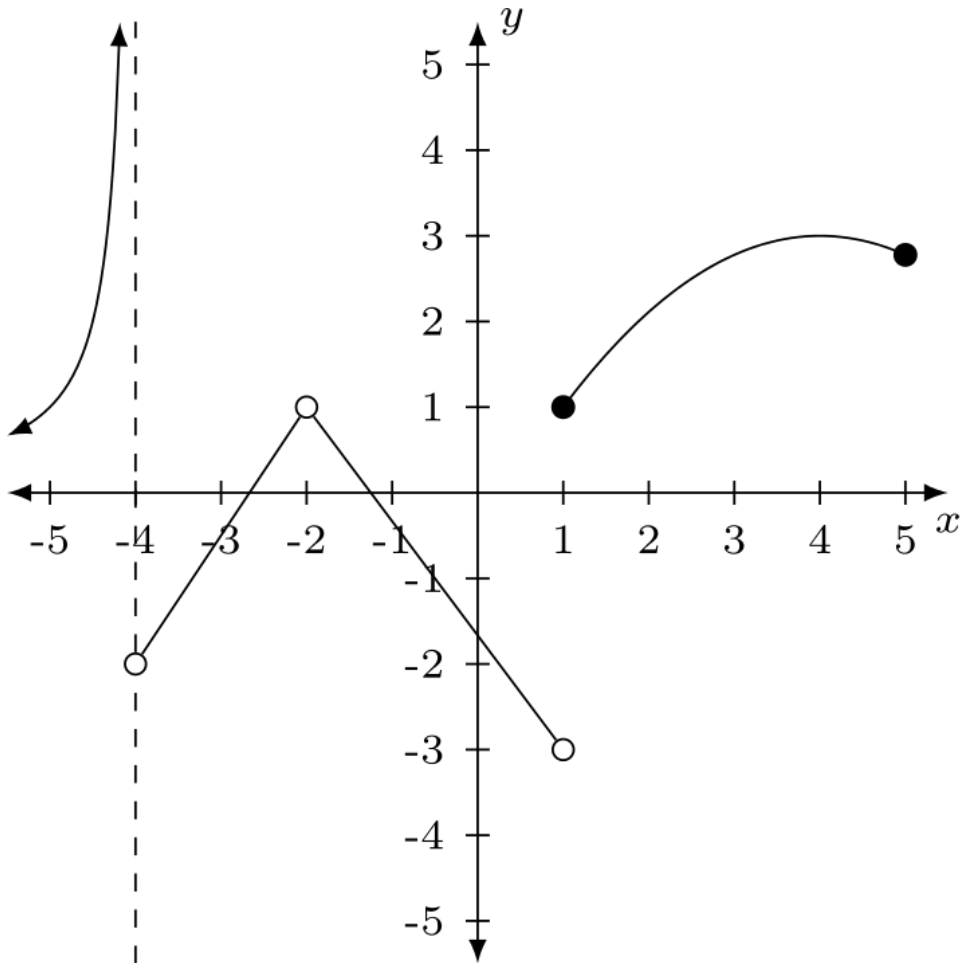
Find the decreasing interval(s) for

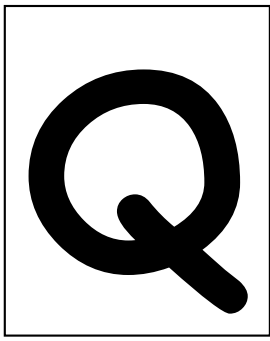
$$f(x) = x^3 - 12x - 13$$

P

3 at $x = -2$

Find the $\lim_{x \rightarrow 1^-}$





1

Find the

$$\lim_{x \rightarrow -3/2^-} f(x)$$

for $f(x) =$

$$\frac{4x^2 - 4x - 15}{2x^2 - 9x - 18}$$

R

$(-\infty, 11)$

Find the

$$\lim_{x \rightarrow 6} f(x)$$

for $f(x) =$

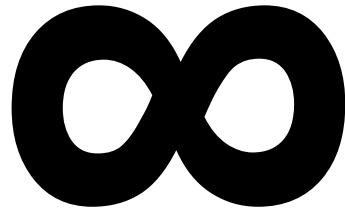
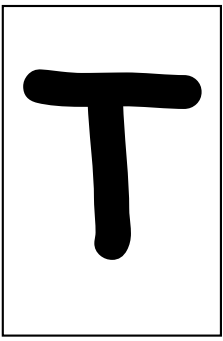
$$\frac{4x^2 - 4x - 15}{2x^2 - 9x - 18}$$

S

$[0, \infty)$

Find the local
minimum for

$$f(x) = x^3 - 12x - 13$$



Find the domain of
 $g(f(x))$

$$f(x) = \sqrt{11 - x}$$

$$g(x) = \frac{x^2 - 5}{x^2}$$