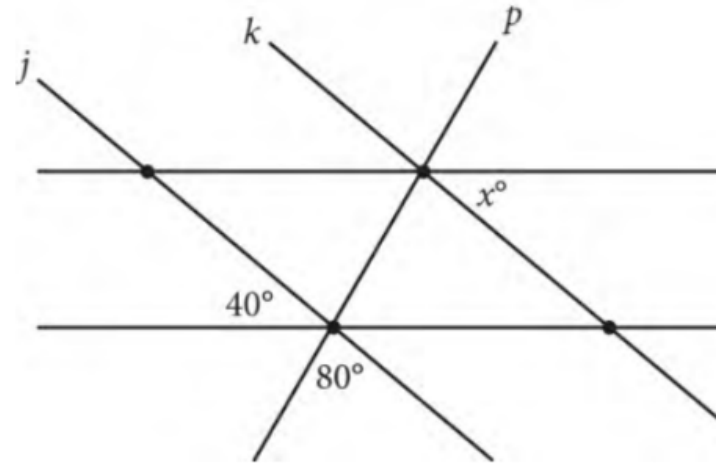


$$\frac{x+2}{(x+2)^2}$$

Which of the following expressions is equivalent to the given expression, where  $x \neq -2$ ?

- A)  $x + 2$
- B)  $\frac{1}{x+2}$
- C)  $x^2 + 2x + 4$
- D)  $\frac{1}{x^2 + 2x + 4}$

[Video Link 0](#)



In the figure shown, line  $j$  is parallel to line  $k$  and line  $\ell$  is parallel to line  $m$ . What is the value of  $x$ ?

- A) 40
- B) 60
- C) 80
- D) 100

[Video Link 1](#)

The function  $f$  is defined by  $f(x) = x^2 - 5x$ . What is the value of  $f(4)$ ?

- A) 0
- B) 2
- C) 12
- D) 30

[Video Link 2](#)

$x$	-1	0	1	2	3
$y$	1	2	3	4	5

The table above shows some values of  $x$  and the corresponding values of  $y$ . Which of the following equations shows a possible relationship between  $x$  and  $y$ ?

- A)  $y = x + 2$
- B)  $y = x - 2$
- C)  $y = 2x + 3$
- D)  $y = 3x - 2$

[Video Link 3](#)