

The distributive property states that  $a(b + c) = ab + ac$ , for all  $a, b, c \in \mathbb{R}$ .

The equivalence class of  $a$  is  $[a]$ .

The set  $A$  is defined to be  $\{1, 2, 3\}$ .

The movie tickets costs \$11.50.

$$2\left(\frac{1}{x^2-1}\right)$$

$$2\left[\frac{1}{x^2-1}\right]$$

$$2\left\{\frac{1}{x^2-1}\right\}$$

$$2\left\langle\frac{1}{x^2-1}\right\rangle$$

$$2\left|\frac{1}{x^2-1}\right|$$

$$\left.\frac{dy}{dx}\right|_{x=1}$$

$$\left(\frac{1}{1+\left(\frac{1}{1+x}\right)}\right)$$

Tables:

$x$	1	2	3	4	5
$f(x)$	10	11	12	13	14

$x$	1	2	3	4	5
$f(x)$	$\frac{1}{2}$	11	12	13	14

Table 1: These values represent the function  $f(x)$ .

Table 2: The relationship between  $f$  and  $f'$ .

$f(x)$	$f'(x)$
$x > 0$	The function $f(x)$ is increasing. The function $f(x)$ is increasing. The function $f(x)$ is increasing. The function $f(x)$ is increasing. The function $f(x)$ is increasing.

Arrays:

$$5x^2 - 9 = x + 3 \tag{1}$$

$$5x^2 - x - 12 = 0 \tag{2}$$

$$\begin{aligned} 5x^2 - 9 &= x + 3 \\ 5x^2 - x - 12 &= 0 \\ &= 12 + x - 5x^2 \end{aligned}$$