$$a + b = b + a \tag{1}$$
$$ab = ba \tag{2}$$

$$a + b = b + a$$
$$ab = ba$$

$$a + b = b + a$$
$$ab = ba \tag{3}$$

$$S = b + a \tag{4}$$
$$X = ba \tag{5}$$

$$\begin{aligned} \cos 2x &= \cos^2 x - \sin^2 x \\ &= 2\cos^2 x - 1 \end{aligned} \tag{6}$$

$$D(x) = \begin{cases} 1, & \text{if } x \in \mathbb{Q}; \\ 0, & \text{if } x \in \mathbb{R} \setminus \mathbb{Q} \end{cases} \tag{7}$$