


# Distributive

$$\underline{x}(y+z) = \underline{xy} + \underline{xz}$$


The diagram illustrates the distributive property of multiplication over addition. It shows the equation  $\underline{x}(y+z) = \underline{xy} + \underline{xz}$ . Blue arrows indicate the distribution of  $x$  over the terms  $y$  and  $z$  inside the parentheses on the left, and the distribution of  $x$  over the terms  $xy$  and  $xz$  on the right.