SUBSTITUTION EFFECT (SE) + INCOME EFFECT (IE) = TOTAL EFFECT (TE)

If dp_x > 0 all other things equal	SE < 0 for dp_x > 0 SE > 0 for dp_x < 0	IE either > 0 or < 0 or = 0 no matter the sign of dp_x	SE + IE = TE
Normal good	$x\downarrow$ ⊖	$x\downarrow$ ⊖	$x\downarrow$ + $x\downarrow$ = $x\downarrow$
Inferior good $\|SE\| > \|IE\|$	$x\downarrow\downarrow$ ⊖	$x\uparrow$ ⊕	$x\downarrow\downarrow$ + $x\uparrow$ = $x\downarrow$
Giffen good $\|SE\| < \|IE\|$	$x\downarrow$ ⊖	$x\uparrow\uparrow$ ⊕	$x\downarrow$ + $x\uparrow\uparrow$ = $x\uparrow$
$\|SE\| = \|IE\|$	$x\downarrow$ ⊖	$x\uparrow$ ⊕	$x\downarrow$ + $x\uparrow$ = ⓓx=0
Leontief good	0	$x\downarrow$	0 + $x\downarrow$ = $x\downarrow$
Lexicographic preferences	0	$x\downarrow$	0 + $x\downarrow$ = $x\downarrow$
Quasi-linear preferences	$x\downarrow$	0	$x\downarrow$ + 0 = $x\downarrow$