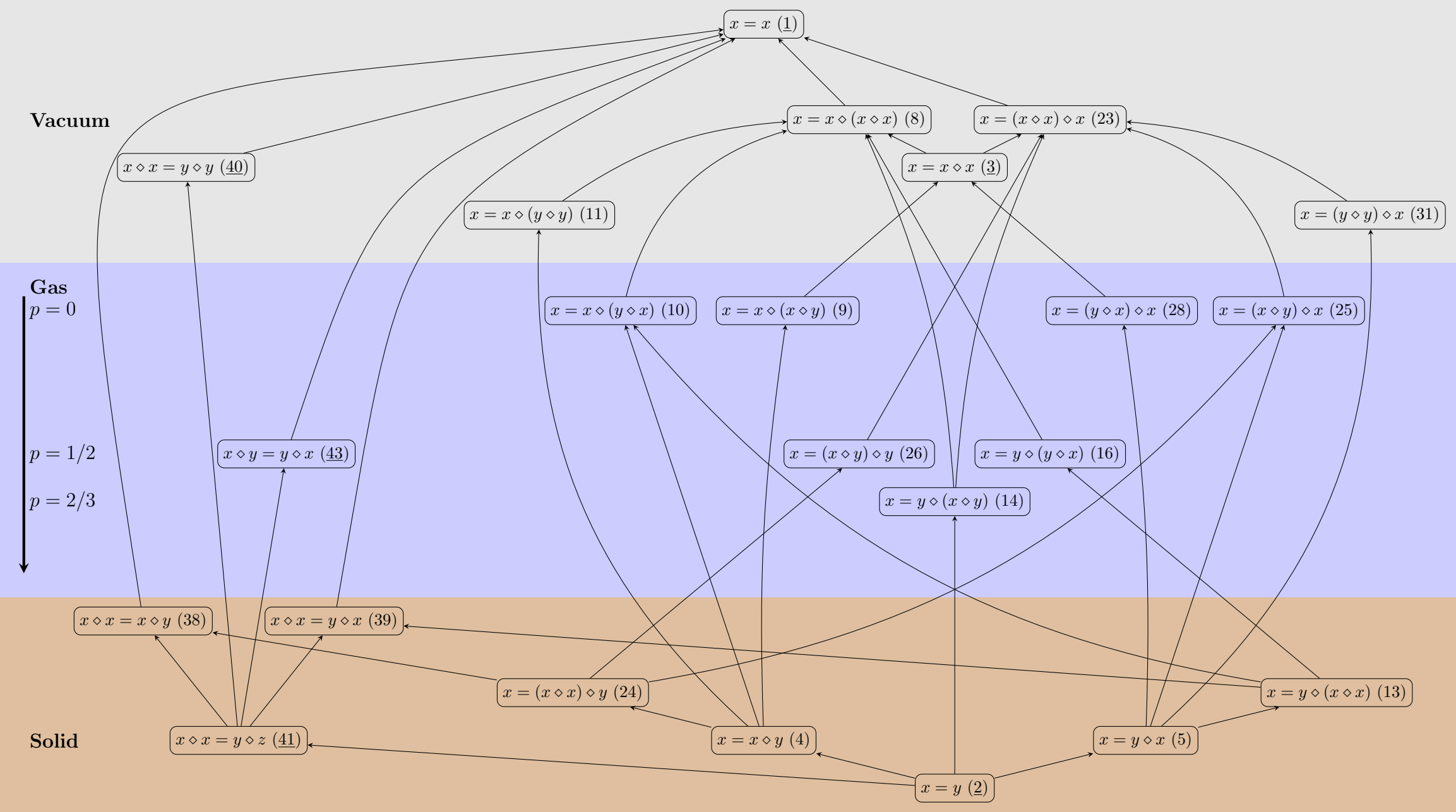
Vacuum
Gas
$p = 0$
$p = 1/2$
$p = 2/3$
Solid
$x = x$ (1)
$x = x \diamond (x \diamond x)$ (8)
$x = (x \diamond x) \diamond x$ (23)
$x \diamond x = y \diamond y$ (40)
$x = x \diamond x$ (3)
$x = x \diamond (y \diamond y)$ (11)
$x = (y \diamond y) \diamond x$ (31)
$x = x \diamond (y \diamond x)$ (10)
$x = x \diamond (x \diamond y)$ (9)
$x = (y \diamond x) \diamond x$ (28)
$x = (x \diamond y) \diamond x$ (25)
$x \diamond y = y \diamond x$ (43)
$x = (x \diamond y) \diamond y$ (26)
$x = y \diamond (y \diamond x)$ (16)
$x = y \diamond (x \diamond y)$ (14)
$x \diamond x = x \diamond y$ (38)
$x \diamond x = y \diamond x$ (39)
$x = (x \diamond x) \diamond y$ (24)
$x = y \diamond (x \diamond x)$ (13)
$x \diamond x = y \diamond z$ (41)
$x = x \diamond y$ (4)
$x = y \diamond x$ (5)
$x = y$ (2)