[**9-1**]

$I(4/8, 4/8)$
$\quad = 1/2 + 1/2$
$\quad = 1$

[**9-2**]

$Reminder(Price)$
$\quad = 4/8 * I(3/4, 1/4) + 4/8 * I(1/4, 3/4)$
$\quad = 7/8$

$Gain(Price)$
$\quad = 1 - 7/8 = 1/8$

$Reminder(Clock)$
$\quad = 2/8 * I(2/2, 0) + 3/8 * I(2/3, 1/3) + 3/8 * I(0, 3/3)$
$\quad = 5/16$

$Gain(Clock)$
$\quad = 1 - 5/16 = 11/16$

$Reminder(Design)$
$\quad = 3/8 * I(1/3, 2/3) + 3/8 * I(1/3, 2/3) + 2/8 * I(1/2, 1/2)$
$\quad = 7/8$

$Gain(Design)$
$\quad = 1 - 7/8 = 1/8$

[　　9-3]