Calculating a Guest's Age

Example: The guest was born on May 5, 1982.

Step 1   Add 20 to the guest's birth year.

$$\boxed{1982} + \mathbf{20} = \boxed{2002}$$

Guest's birth year   Total

Step 2   Add 1 to the total.

$$\boxed{2002} + \mathbf{1} = \boxed{2003}$$

Step 1 total   Calculated year

Step 3   Compare the calculated year to the current year.

$$\boxed{2003} \quad \textbf{to} \quad \boxed{2004}$$

Calculated year   Current year

IF	THEN
The calculated year occurs *before* the current year	The guest is *21-years old or older.*
The calculated year occurs *after* the current year	The guest is *underage.*
The calculated year *matches* the current year and	
■ the guest's birthday has passed	■ The guest is *21-years old.*
■ the guest's birthday has not passed	■ The guest is *underage.*

In the example, since the calculated year (2003) occurs before the current year (2004), the guest is 21-years old or older.