

# Calculating A Guest's Age



**Born on May 5, 1996**

## STEP 1

Add 20 to the guest's birth year.

$$\begin{array}{rcccl} \mathbf{1996} & + & \mathbf{20} & = & \mathbf{2016} \\ \text{Birth Year} & & & & \text{Year Total} \end{array}$$

## STEP 2

Add 1 to year total.

$$\begin{array}{rcccl} \mathbf{2016} & + & \mathbf{1} & = & \mathbf{2017} \\ \text{Year Total} & & & & \text{Calculated Year} \end{array}$$

## STEP 3

Compare the calculated year to the current year.

$$\begin{array}{rcccl} \mathbf{2017} & & \text{to} & & \mathbf{2016} \\ \text{Calculated Year} & & & & \text{Current Year} \end{array}$$

# IF

the calculated year occurs **before** the current year **THEN** the guest is 21 years old or older.

the calculated year occurs **after** the current year **THEN** the guest is underage.

the calculated year **matches** the current year  
**AND** the guest's birthday has passed **THEN** the guest is 21 years old.

the calculated year **matches** the current year  
**AND** the guest's birthday has not passed **THEN** the guest is underage.

**NOTE:** The guest above is underage.