

Birthday Calculations:

How old are you on the planet Mercury?


Name:

Let's organize some numbers for our Birthday calculations:

How old are you? (In earth years)
 I am _____ years old

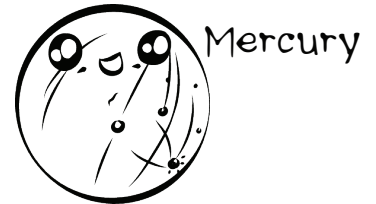
How many days are there in a year on earth?
 There are _____ days in one earth year

How old are you in earth days?



Earth

How old would you be on the planet mercury?
 Use the chart to help you solve the problem (Only solve to the tenths place)



Time to orbit the sun

| | |
|---------|-------------|
| Mercury | 88 days |
| Venus | 225 days |
| Earth | 365 days |
| Mars | 687 days |
| Jupiter | 4,332 days |
| saturn | 10,785 days |
| Uranus | 30,688 days |
| Neptune | 60,182 days |
| Pluto | 90,520 days |

Let's set up this math problem for coding
 by naming our numbers.

$$\text{My age on this planet} = \text{My Age (Earth Years)} * \text{365 Days in a Year} / \text{Planet Orbit Days}$$

= * /

The computer will solve for this
 What number goes with this name?
 What number goes with this name?
 What number goes with this name?